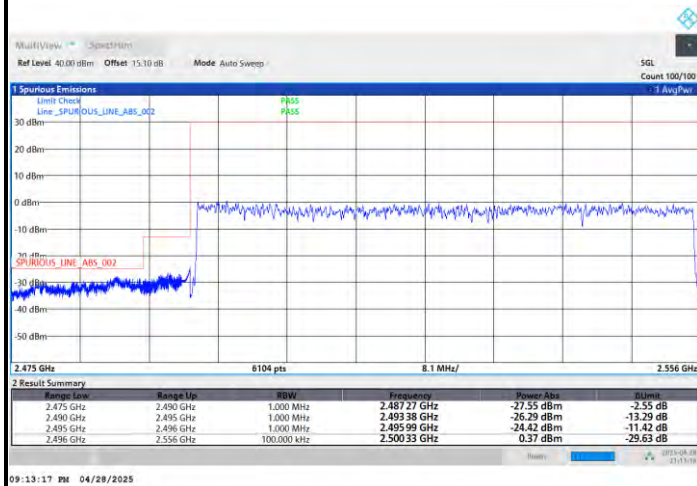




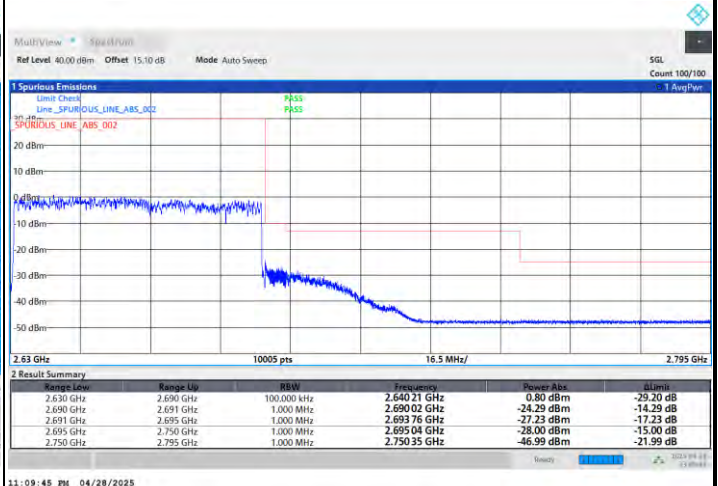
FR1 n41 / 60MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



09:13:17 PM 04/28/2025

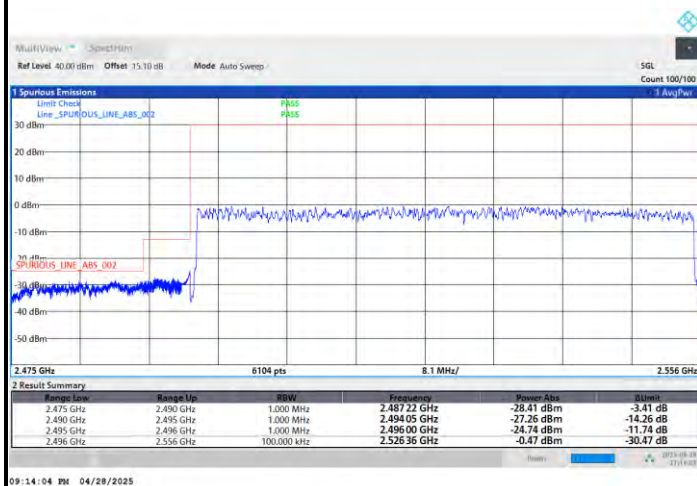
Highest Band Edge / Full RB



11:09:45 PM 04/28/2025

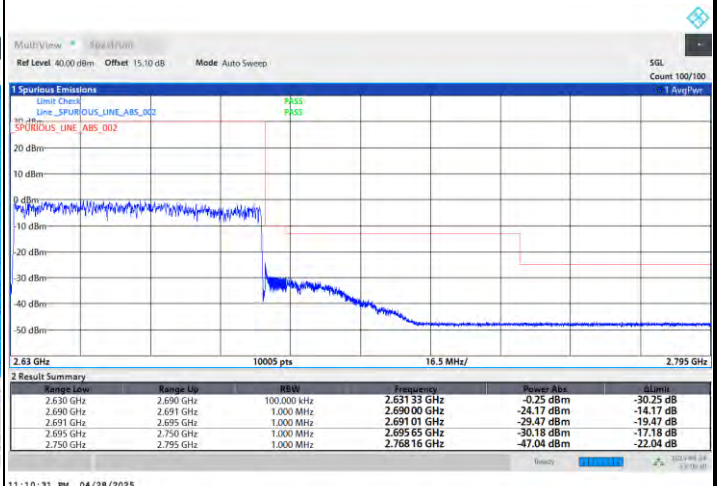
FR1 n41 / 60MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



09:14:04 PM 04/28/2025

Highest Band Edge / Full RB

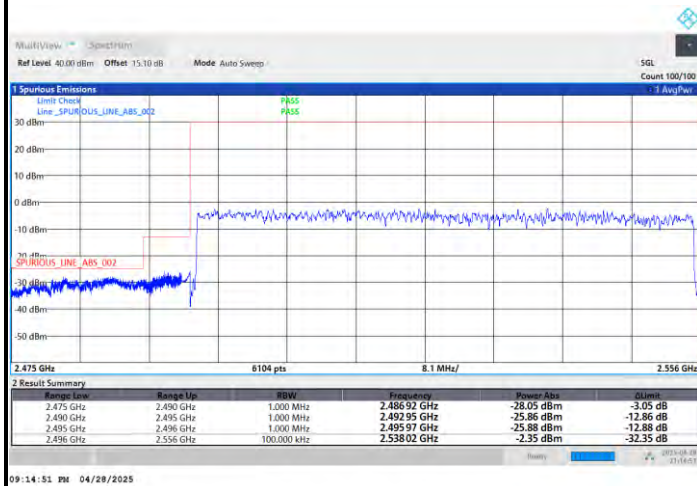


11:10:31 PM 04/28/2025



FR1 n41 / 60MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

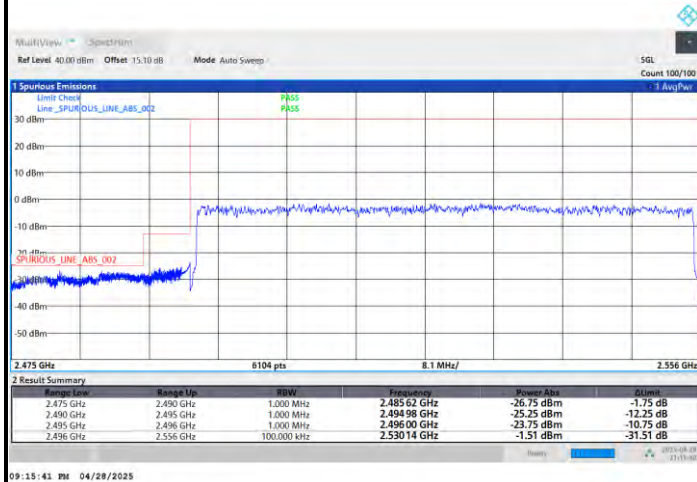


Highest Band Edge / Full RB

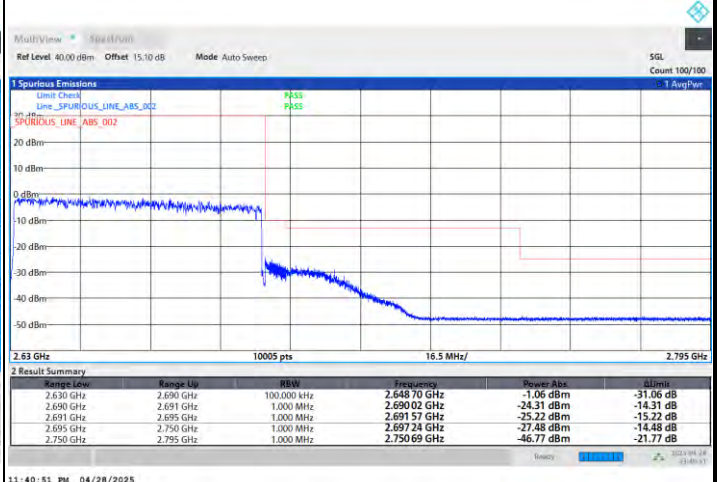


FR1 n41 / 60MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge





FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

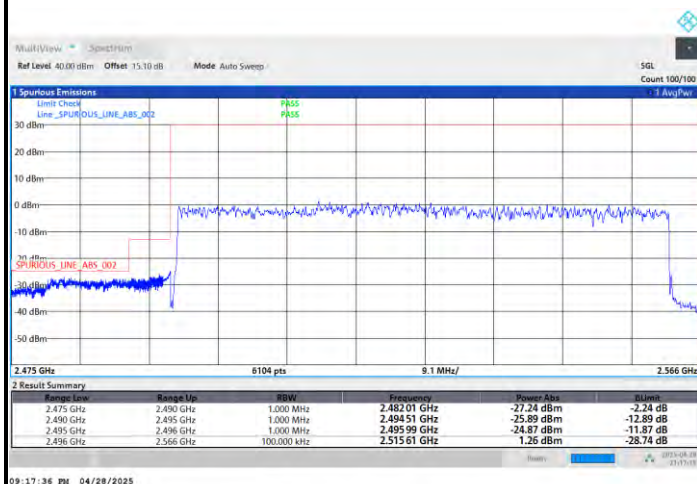


Highest Band Edge / Full RB



FR1 n41 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



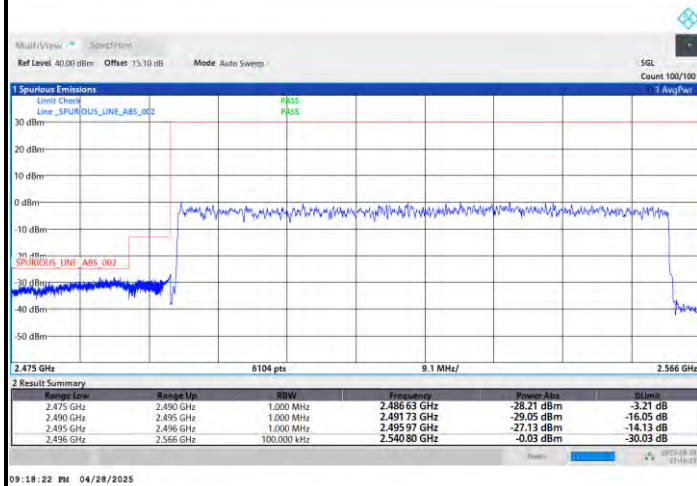
Highest Band Edge / Full RB





FR1 n41 / 70MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



09:18:22 PM 04/28/2025

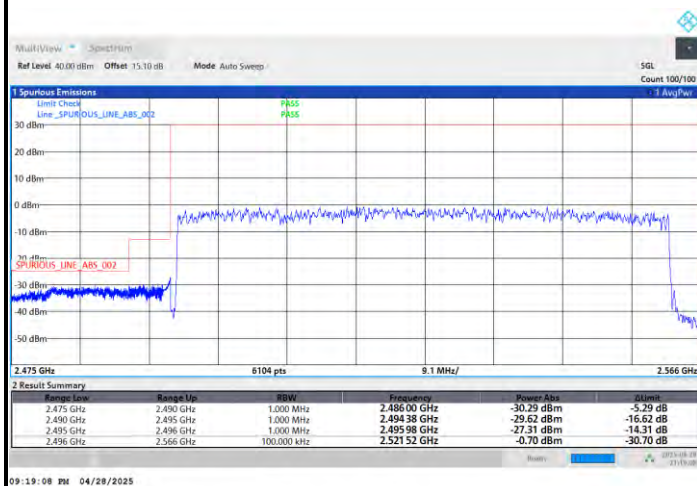
Highest Band Edge / Full RB



11:19:30 PM 04/28/2025

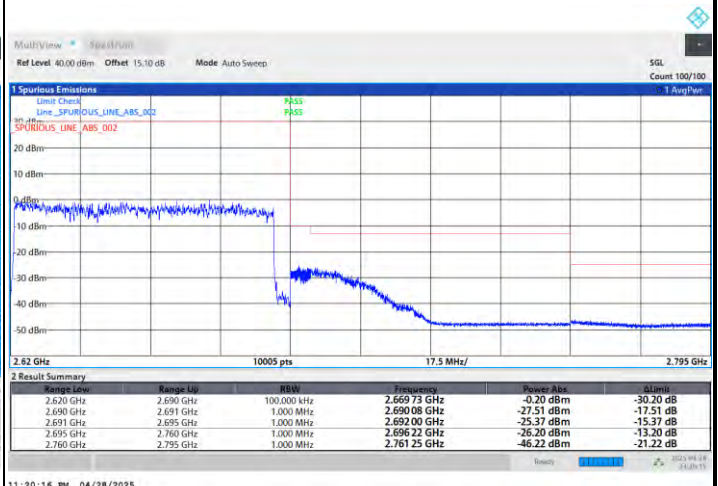
FR1 n41 / 70MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



09:19:08 PM 04/28/2025

Highest Band Edge / Full RB

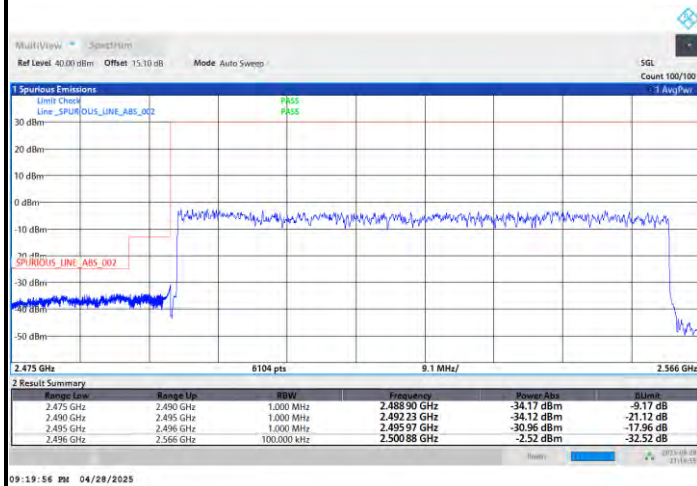


11:20:16 PM 04/28/2025



FR1 n41 / 70MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



09:19:56 PM 04/28/2025

Highest Band Edge / Full RB



11:21:04 PM 04/28/2025

FR1 n41 / 70MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



09:20:46 PM 04/28/2025

Highest Band Edge

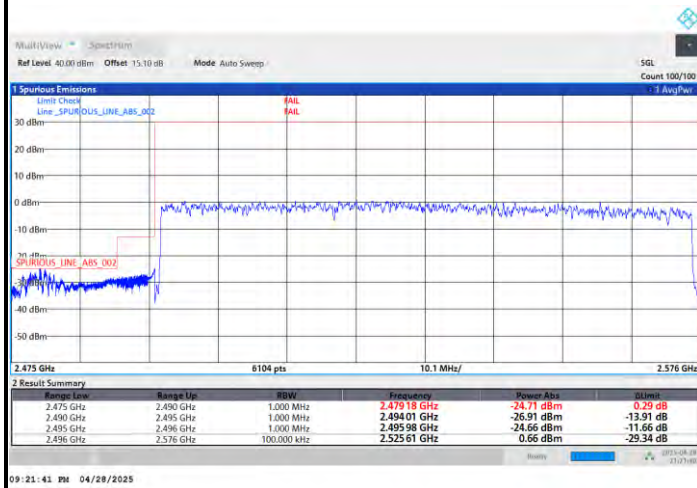


11:41:44 PM 04/28/2025



FR1 n41 / 80MHz / DFT-S OFDM / PI/2 BPSK

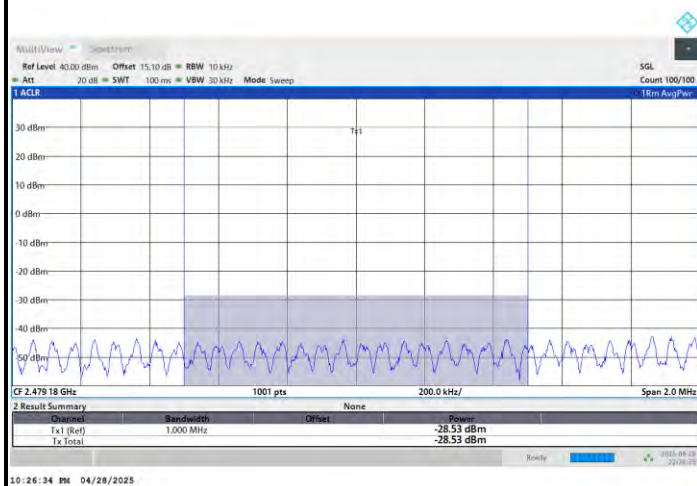
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Channel Power -25dBm > -28.53dBm (PASS)



N/A

N/A



FR1 n41 / 80MHz / DFT-S OFDM / QPSK

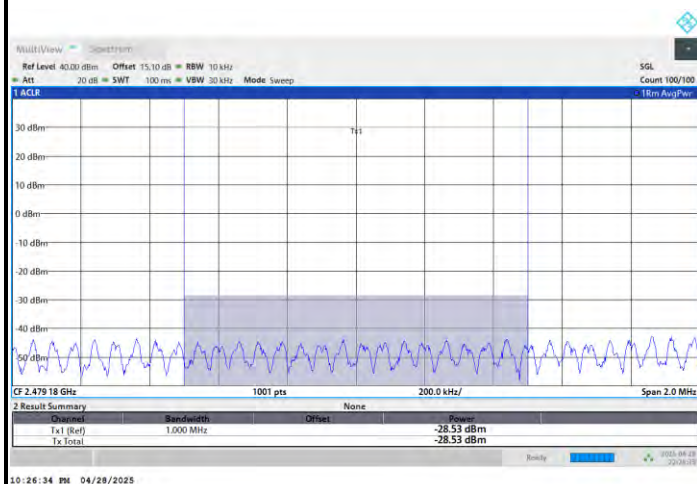
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Channel Power -25dBm > -28.40dBm (PASS)



N/A

N/A

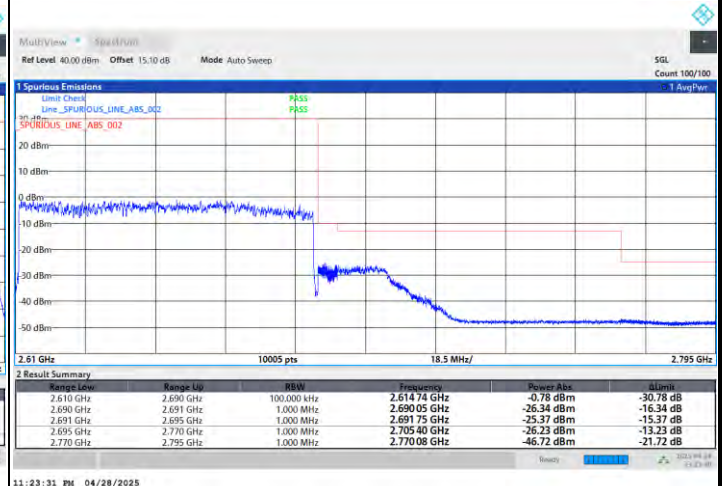


FR1 n41 / 80MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

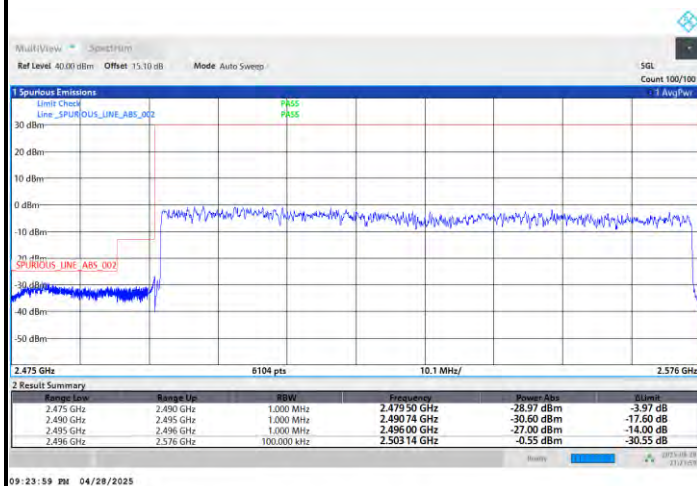


Highest Band Edge / Full RB

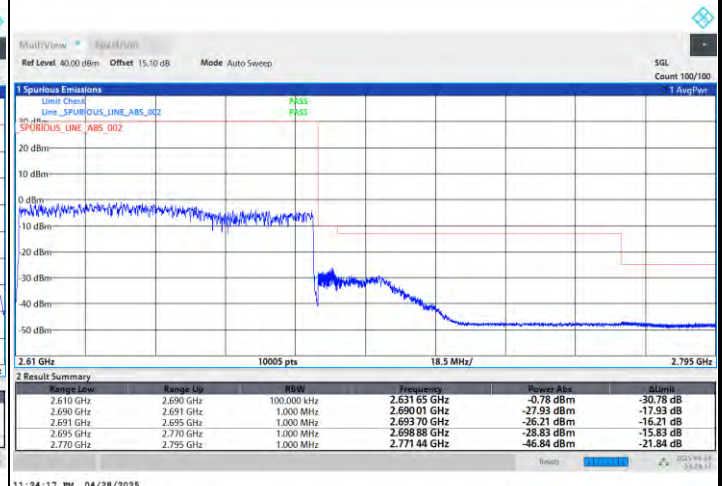


FR1 n41 / 80MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n41 / 80MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



09:24:47 PM 04/28/2025

Highest Band Edge / Full RB



11:25:05 PM 04/28/2025

FR1 n41 / 80MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



09:25:37 PM 04/28/2025

Highest Band Edge

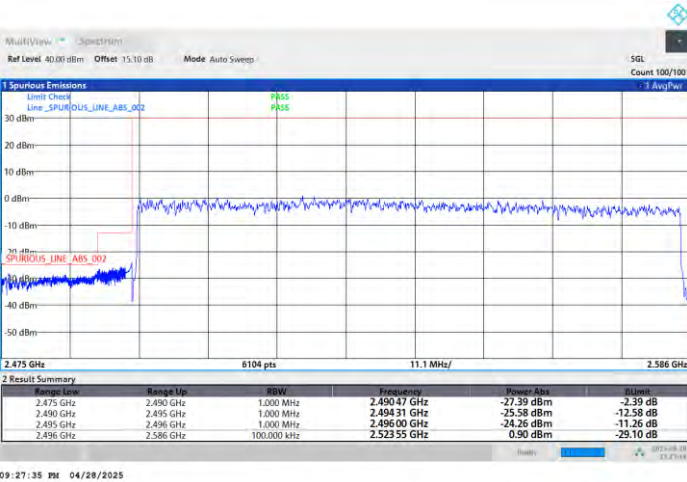


11:42:37 PM 04/28/2025



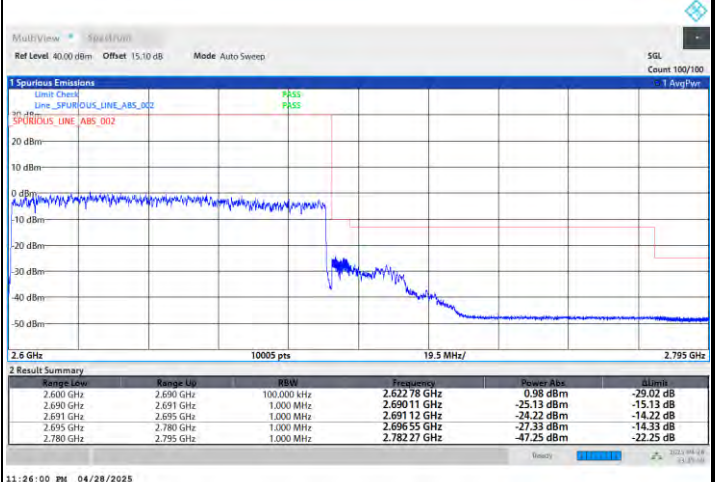
FR1 n41 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



09:27:35 PM 04/28/2025

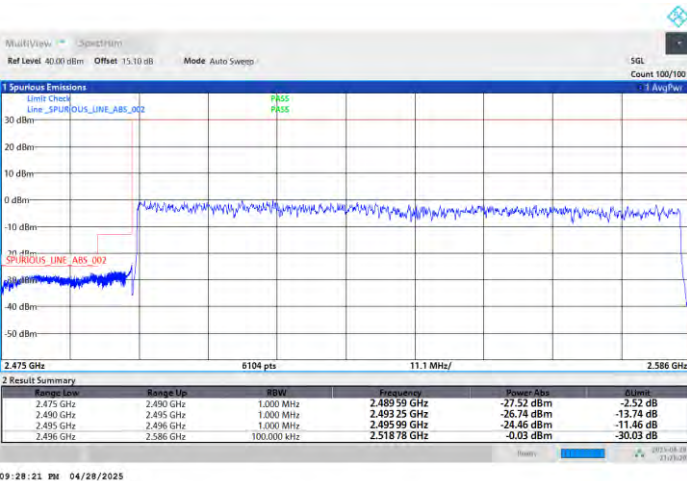
Highest Band Edge / Full RB



11:26:00 PM 04/28/2025

FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



09:28:21 PM 04/28/2025

Highest Band Edge / Full RB

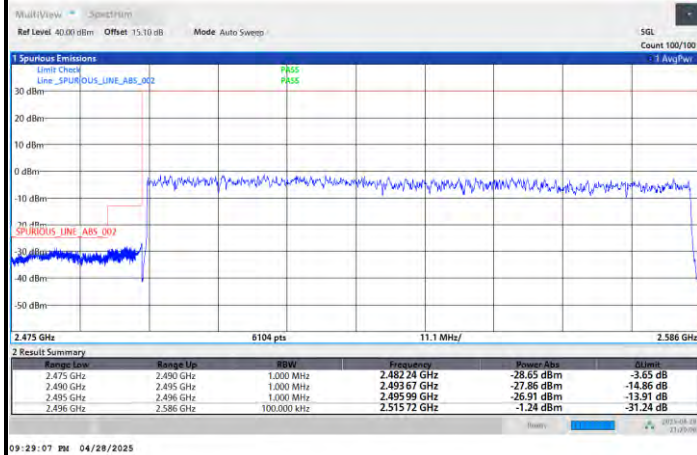


11:26:46 PM 04/28/2025



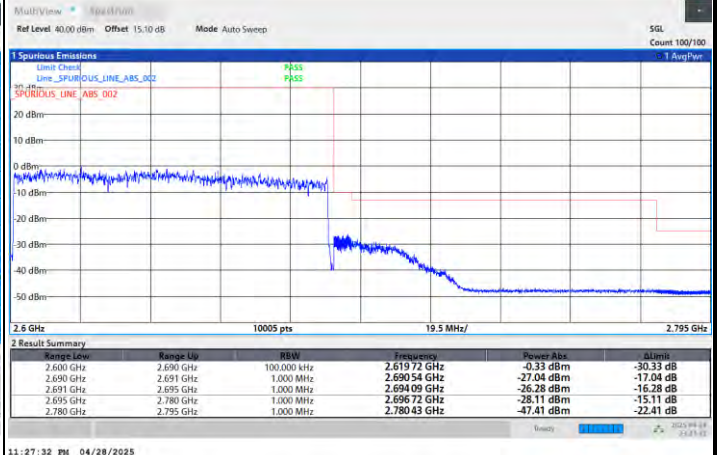
FR1 n41 / 90MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB



09:29:07 PM 04/28/2025

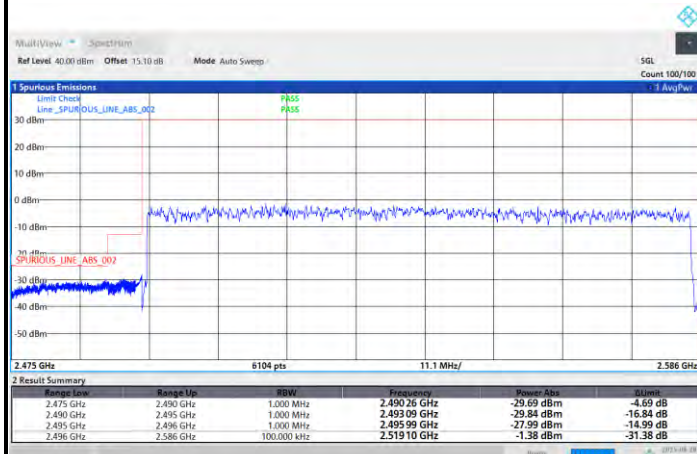
Highest Band Edge / Full RB



11:27:32 PM 04/28/2025

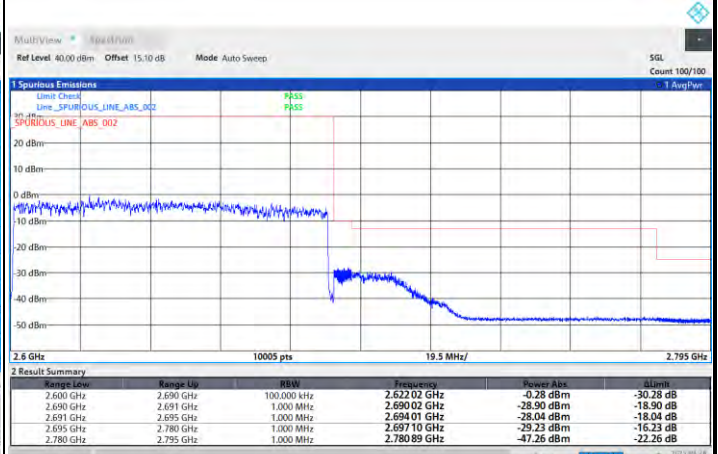
FR1 n41 / 90MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



09:29:54 PM 04/28/2025

Highest Band Edge / Full RB

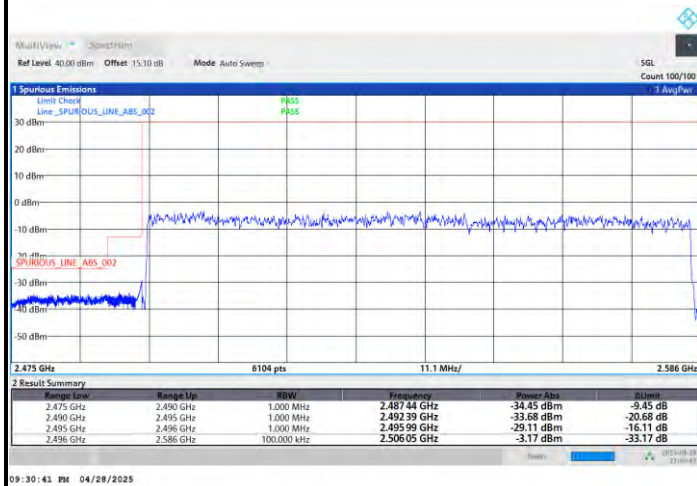


11:28:19 PM 04/28/2025



FR1 n41 / 90MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

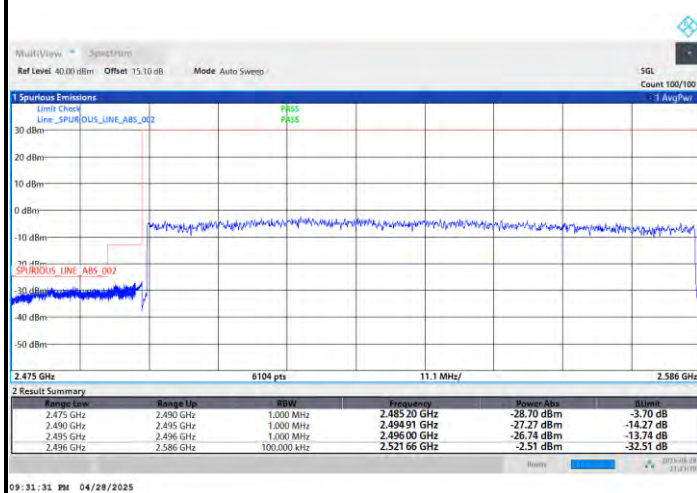


Highest Band Edge / Full RB



FR1 n41 / 90MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



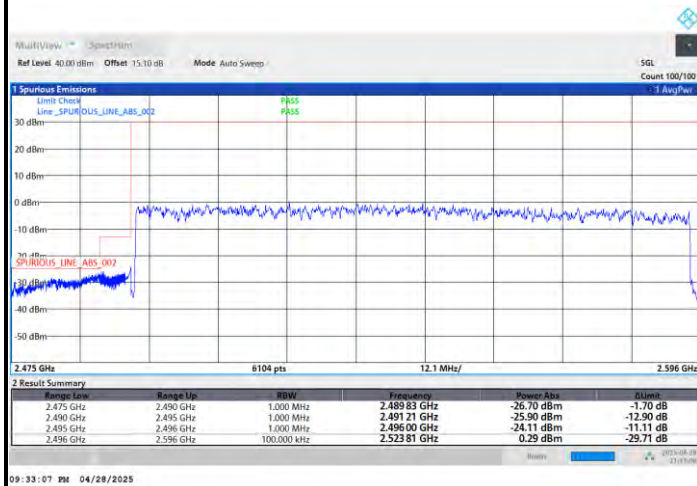
Highest Band Edge



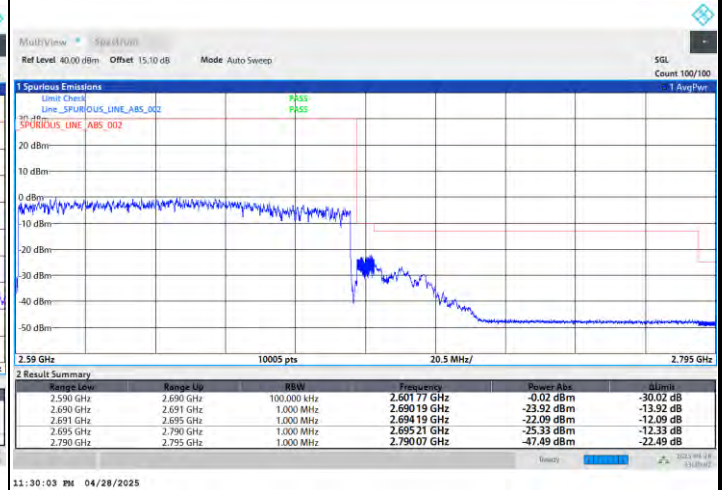


FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

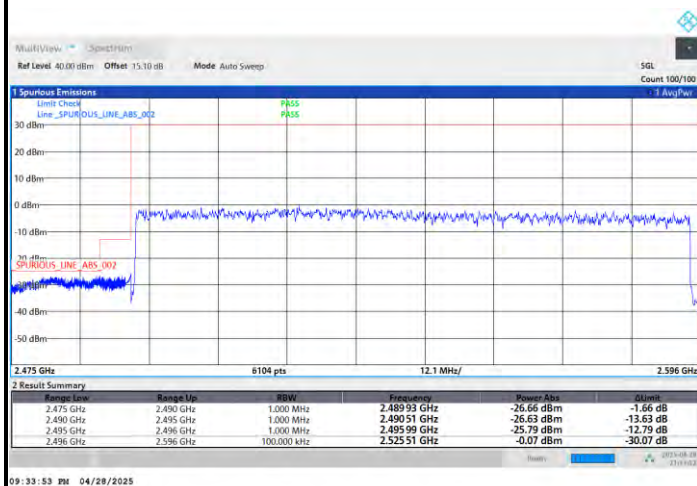


Highest Band Edge / Full RB

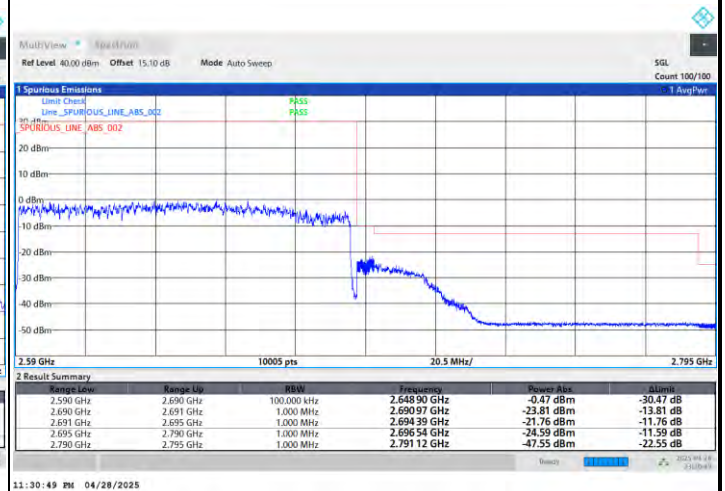


FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



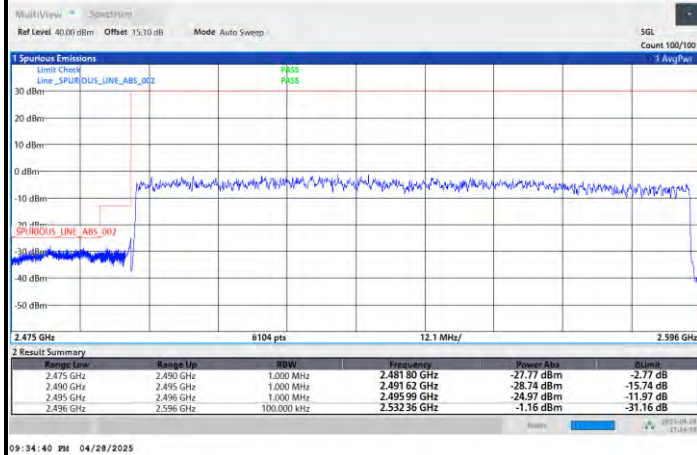
Highest Band Edge / Full RB



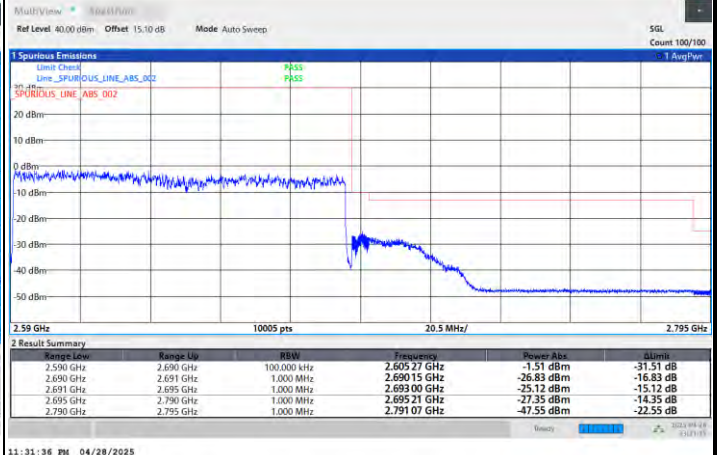


FR1 n41 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

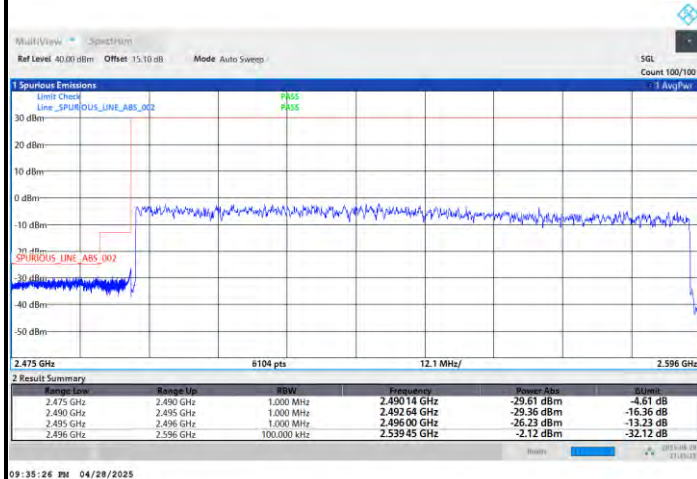


Highest Band Edge / Full RB

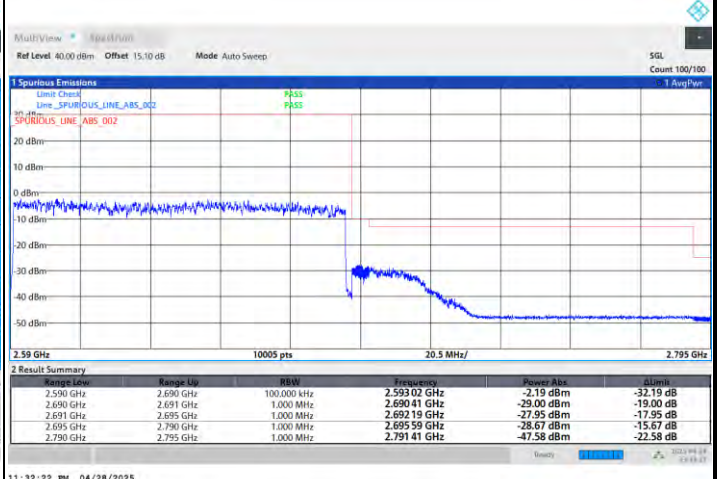


FR1 n41 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB



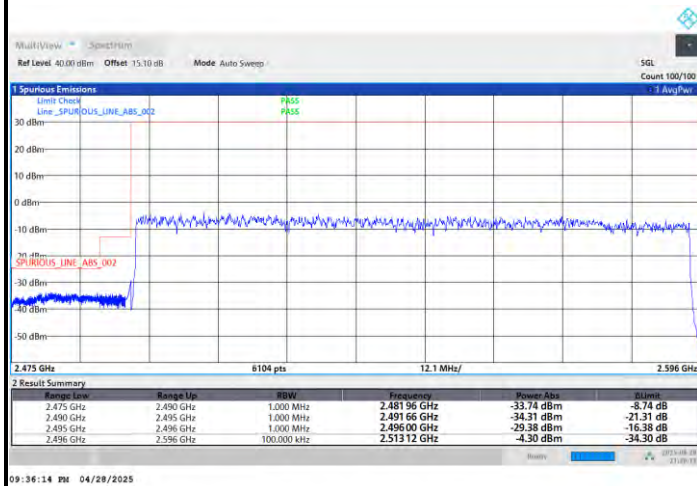
Highest Band Edge / Full RB





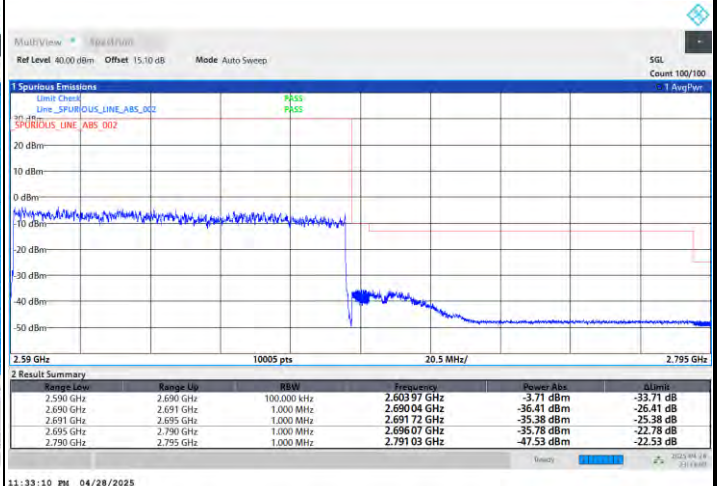
FR1 n41 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB



09:36:14 PM 04/28/2025

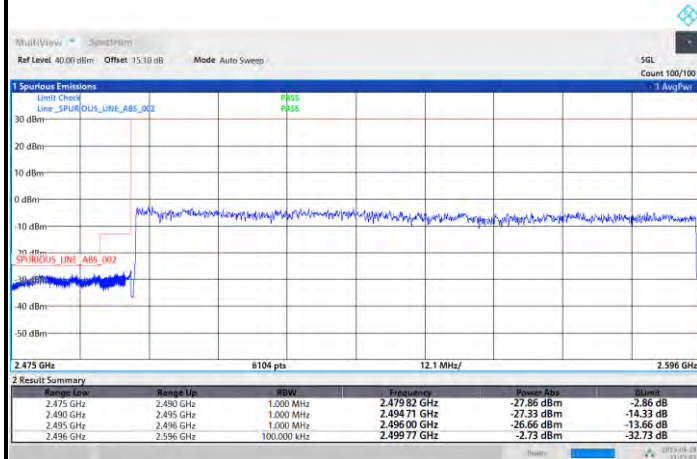
Highest Band Edge / Full RB



11:33:10 PM 04/28/2025

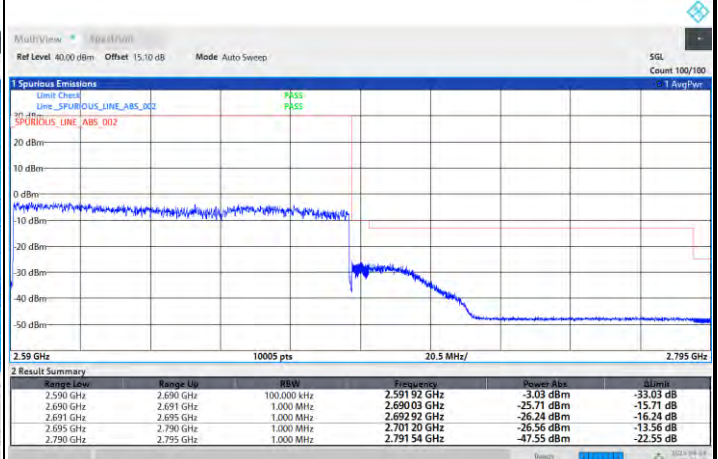
FR1 n41 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



09:37:03 PM 04/28/2025

Highest Band Edge



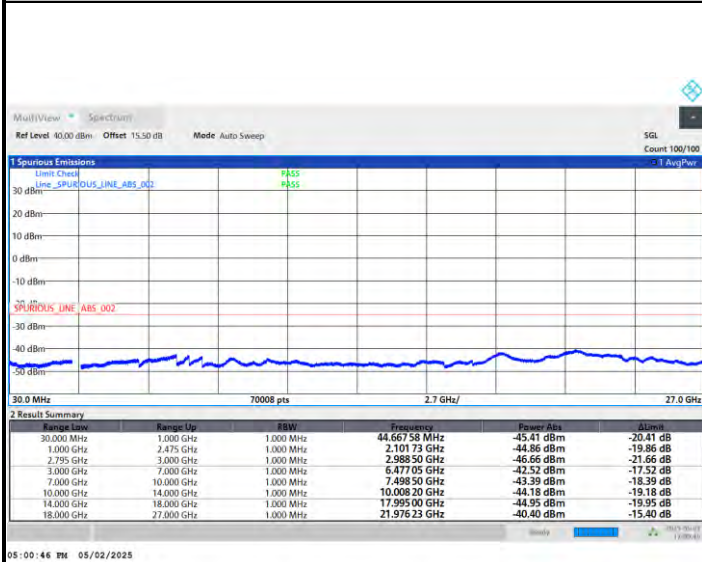
11:47:21 PM 04/28/2025



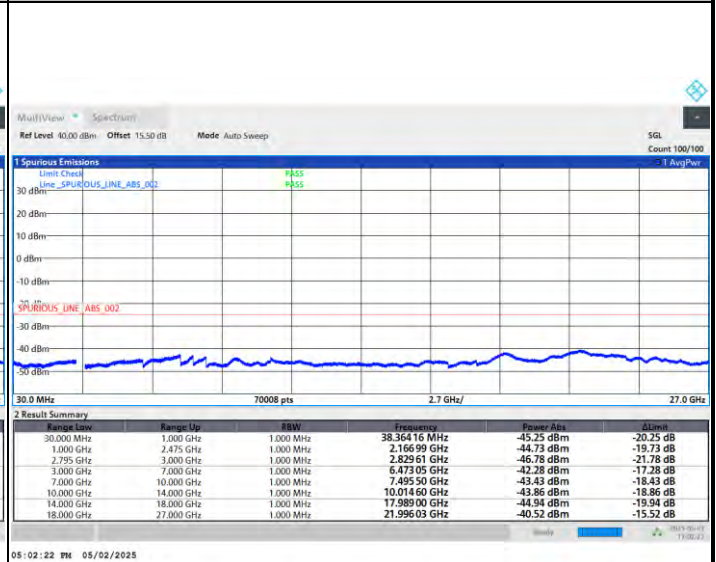
Conducted Spurious Emission

FR1 n41 / 10MHz / DFT-S OFDM / QPSK / 1RB1

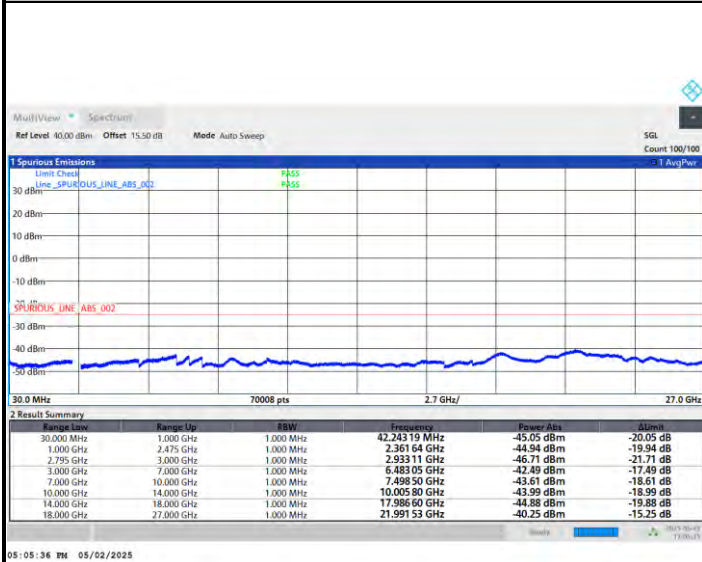
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n41 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0043	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.30 V. ; Maximum Voltage = 4.40 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

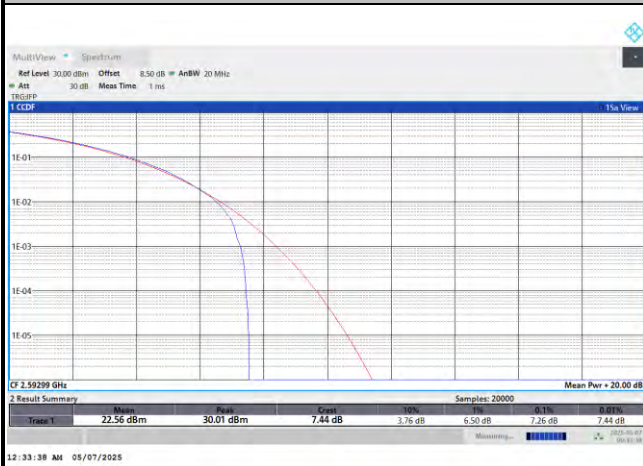
**<MIMO Mode>****MIMO <Ant. 0+3> (Ant. 0)****Peak-to-Average Ratio**

Mode	FR1 n41 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	7.26	7.26	7.80	9.00	PASS

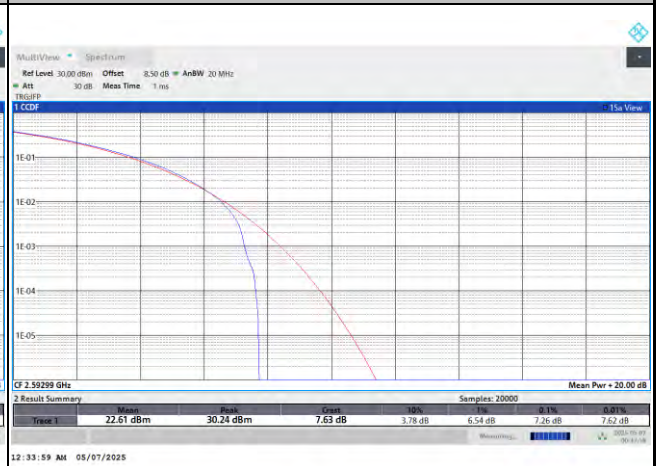


FR1 n41 / 20MHz /CP OFDM / Middle Channel / Full RB

QPSK



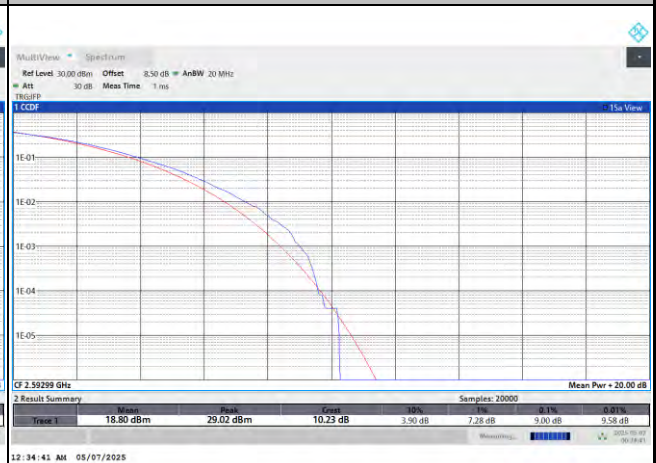
16QAM



64QAM

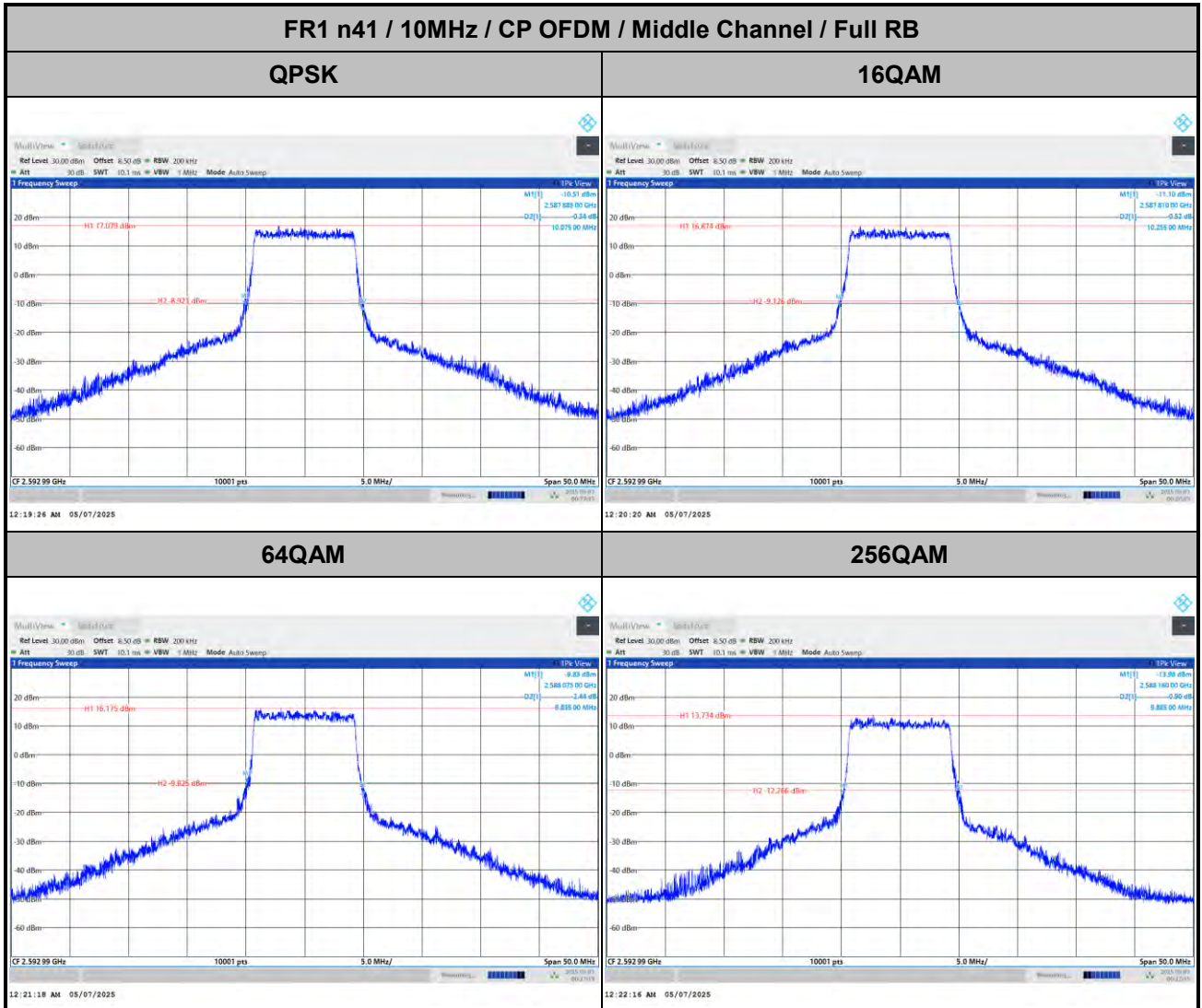


256QAM



**26dB Bandwidth**

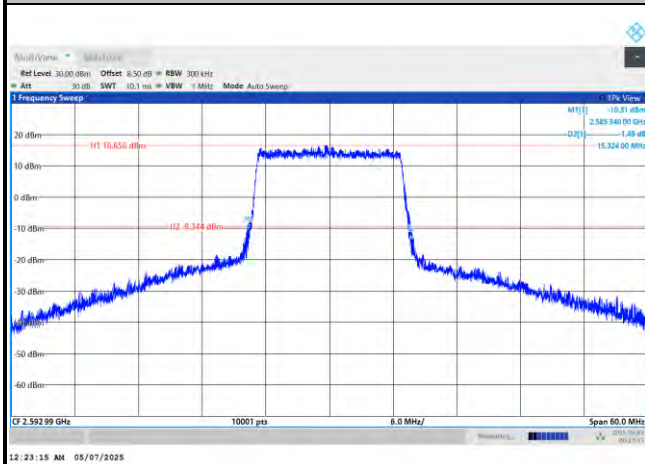
Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.07	10.25	15.32	15.31	20.09	20.01	25.40	25.36
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.83	9.88	15.20	15.24	19.75	19.89	25.24	25.33
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	30.69	30.65	35.75	35.82	40.94	41.01	45.40	45.42
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	30.82	30.77	36.17	35.70	40.88	40.99	45.44	45.34
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	50.70	50.67	62.94	62.91	72.59	72.53	82.66	82.57
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	50.38	50.57	63.33	62.61	72.64	72.47	82.53	82.57
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	92.73	92.71	102.71	102.58				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	92.86	92.82	102.64	102.64				



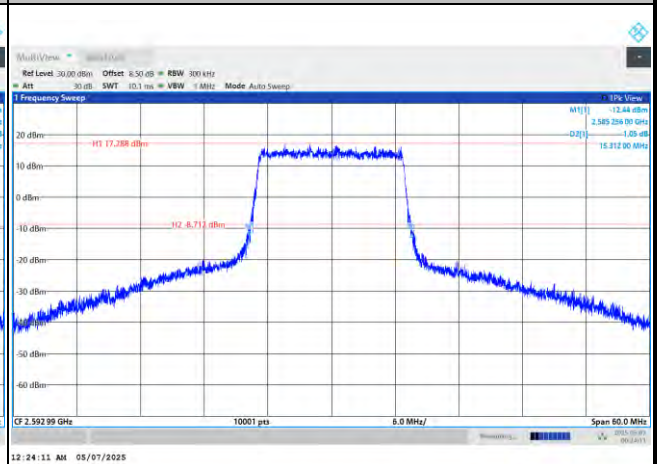


FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB

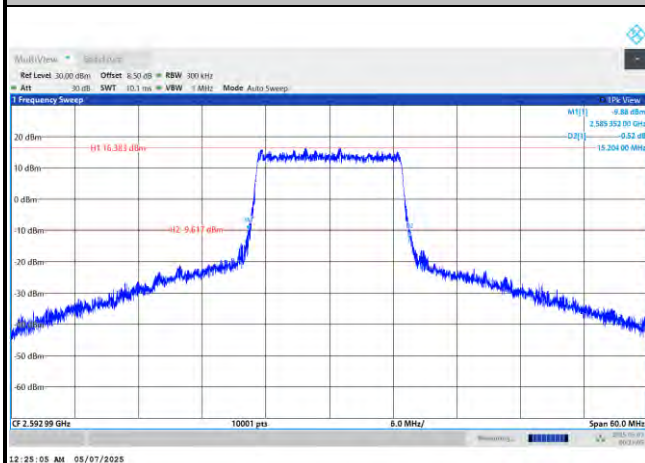
QPSK



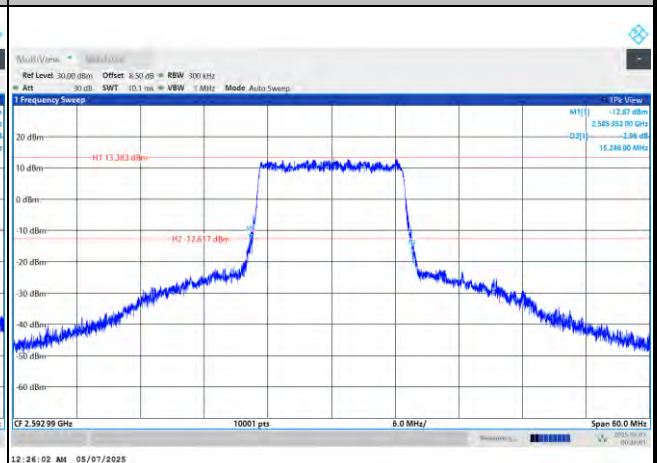
16QAM

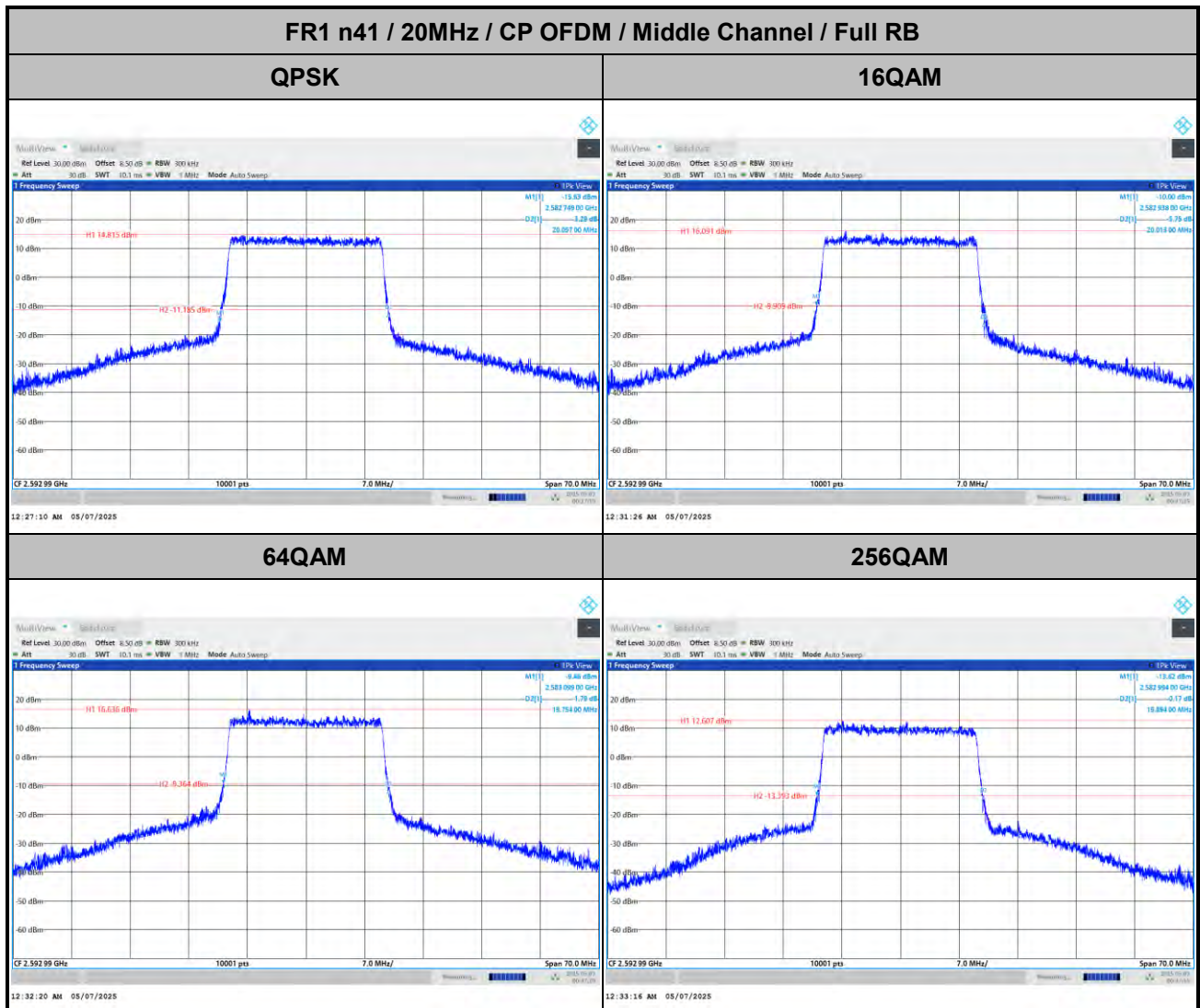


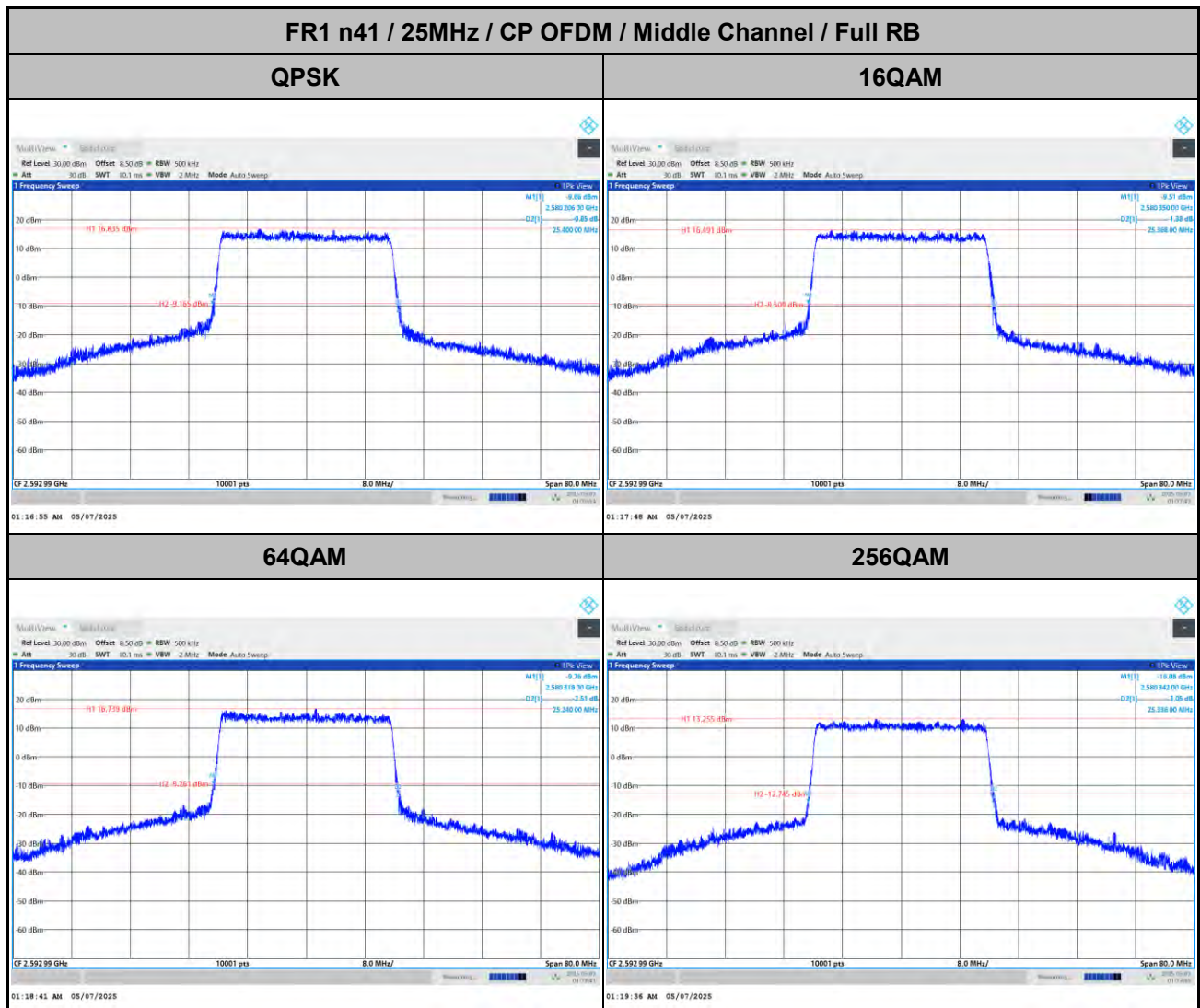
64QAM

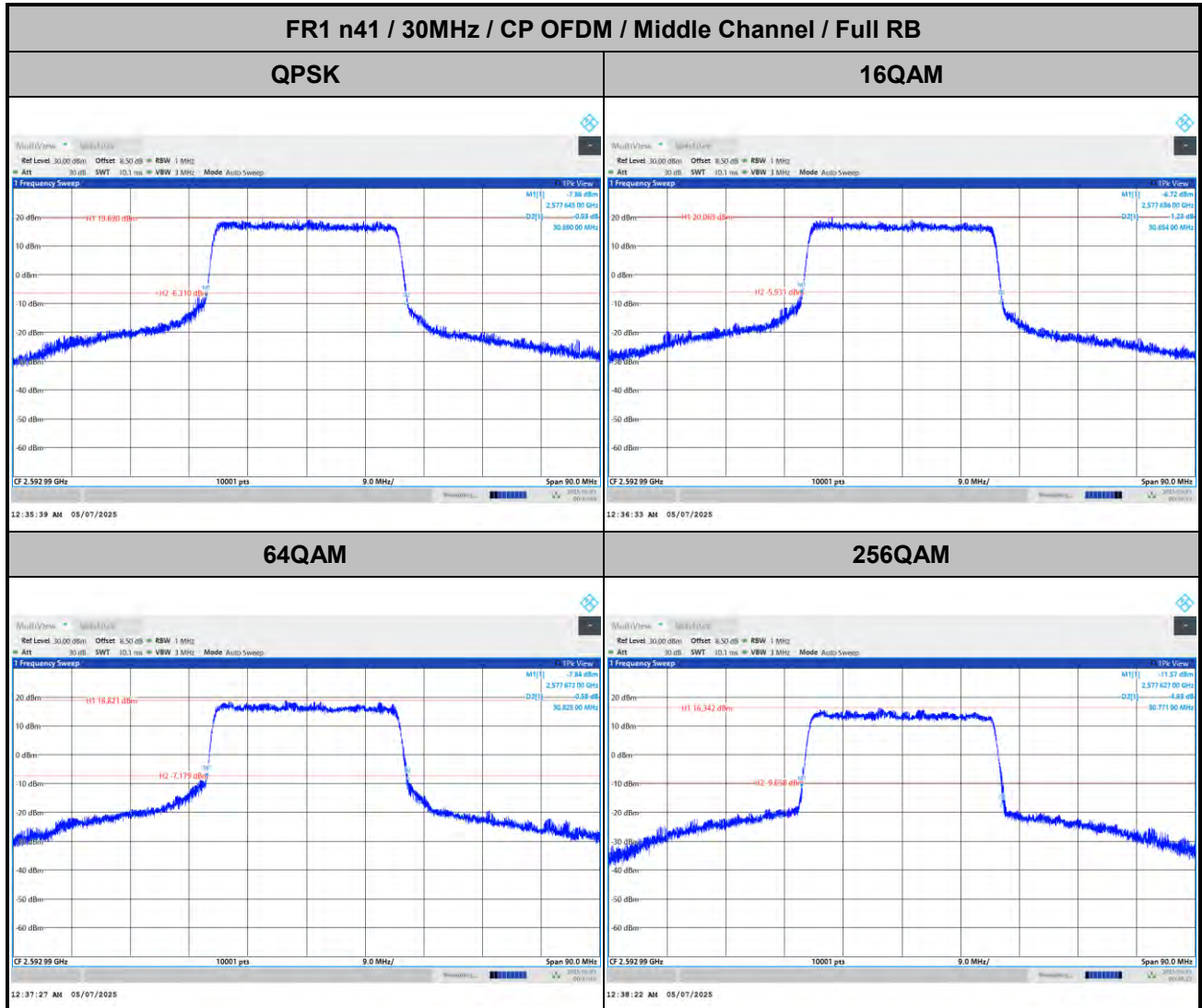


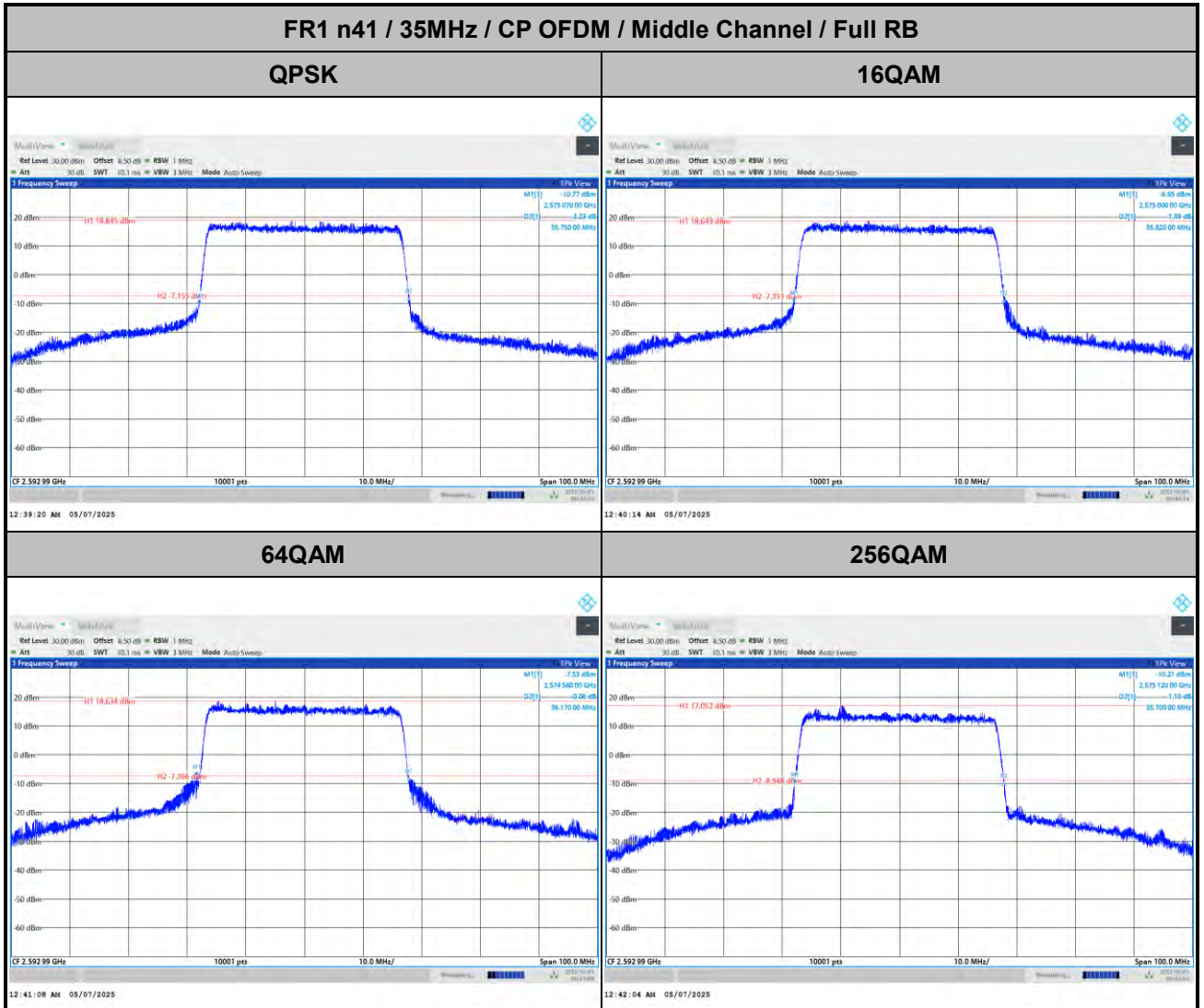
256QAM







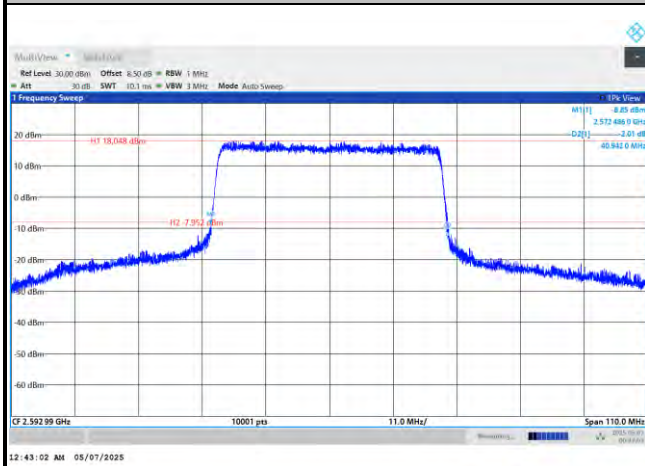




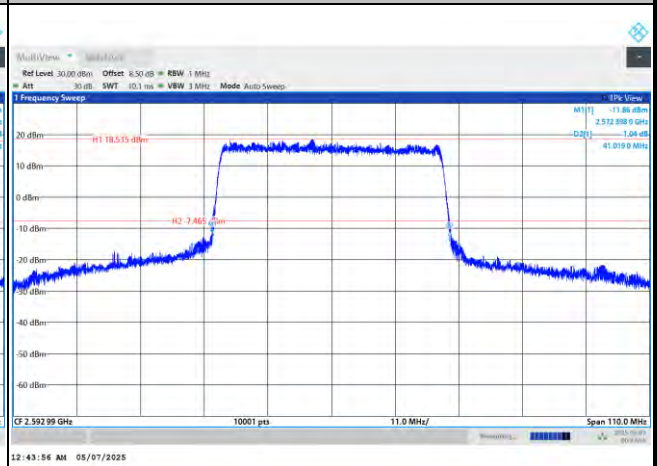


FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

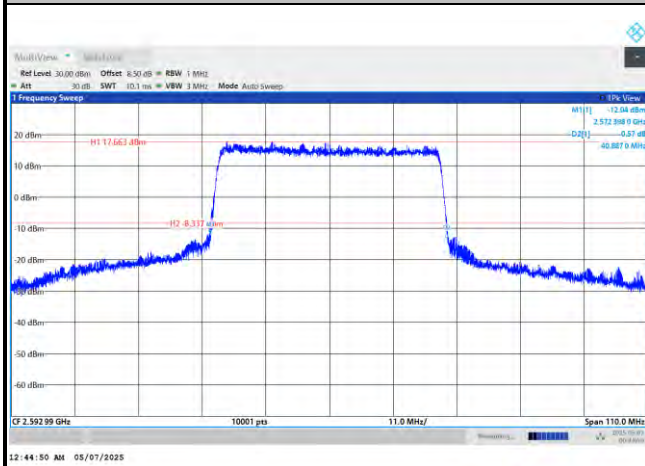
QPSK



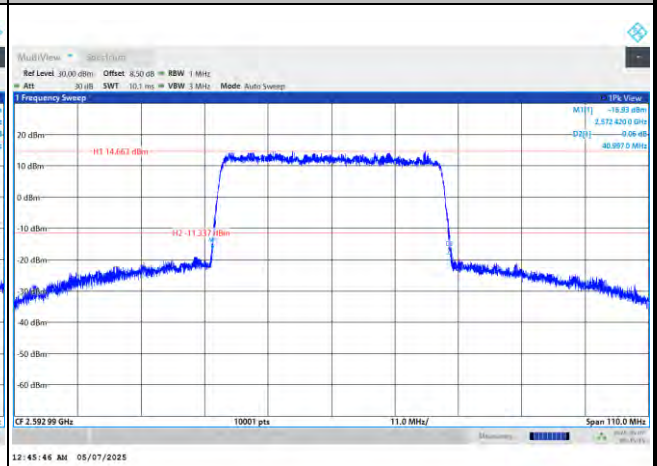
16QAM



64QAM

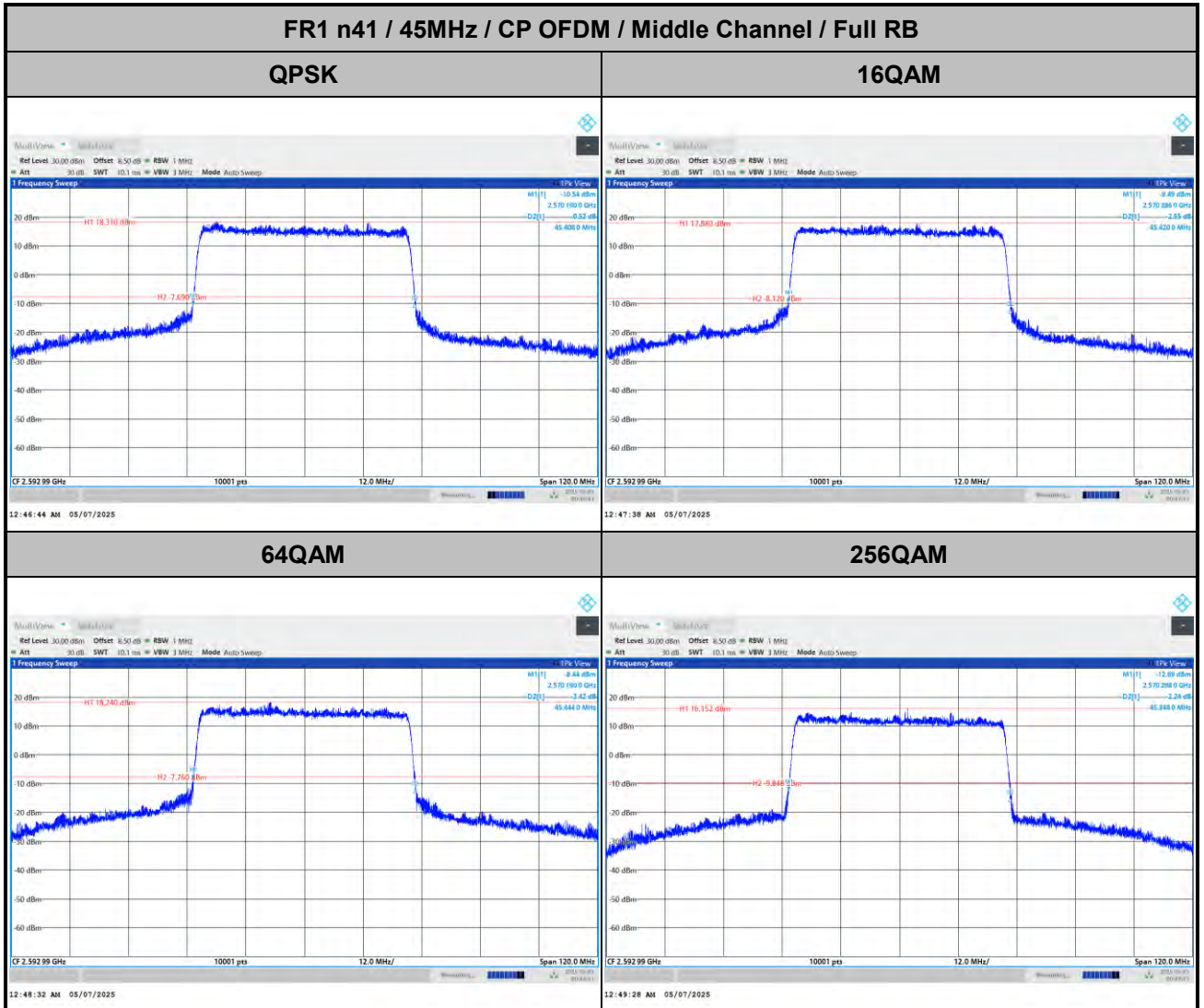


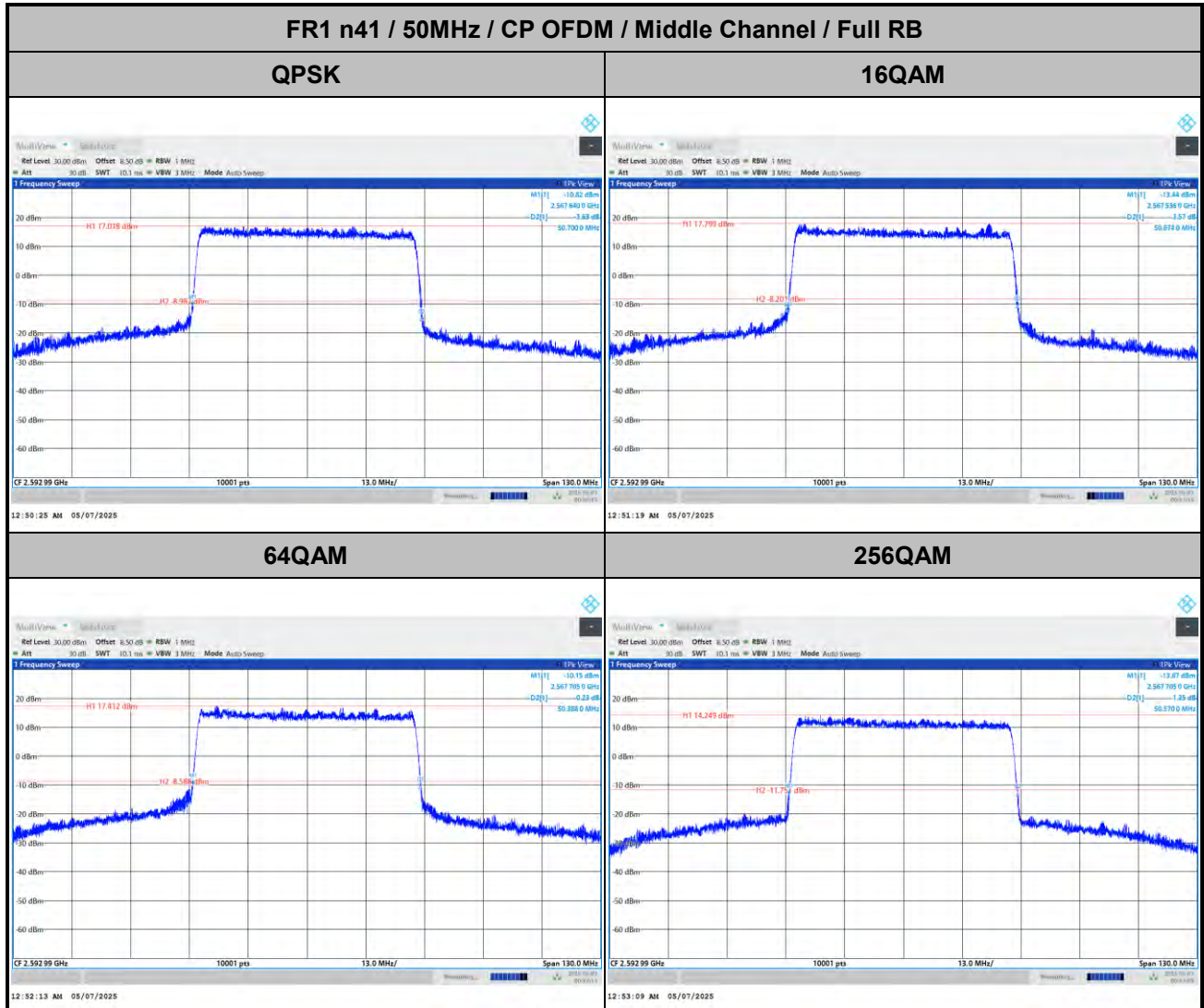
256QAM

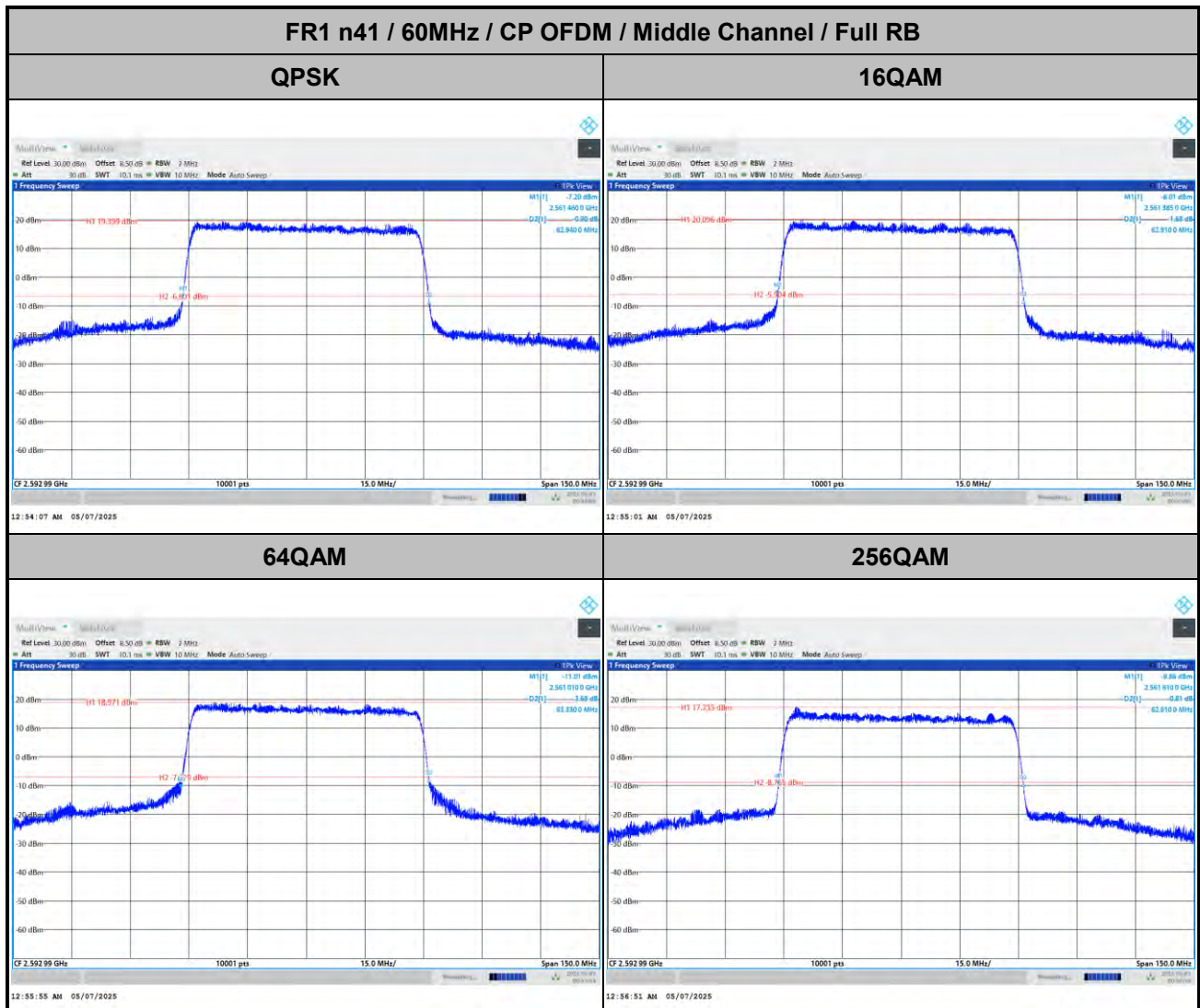


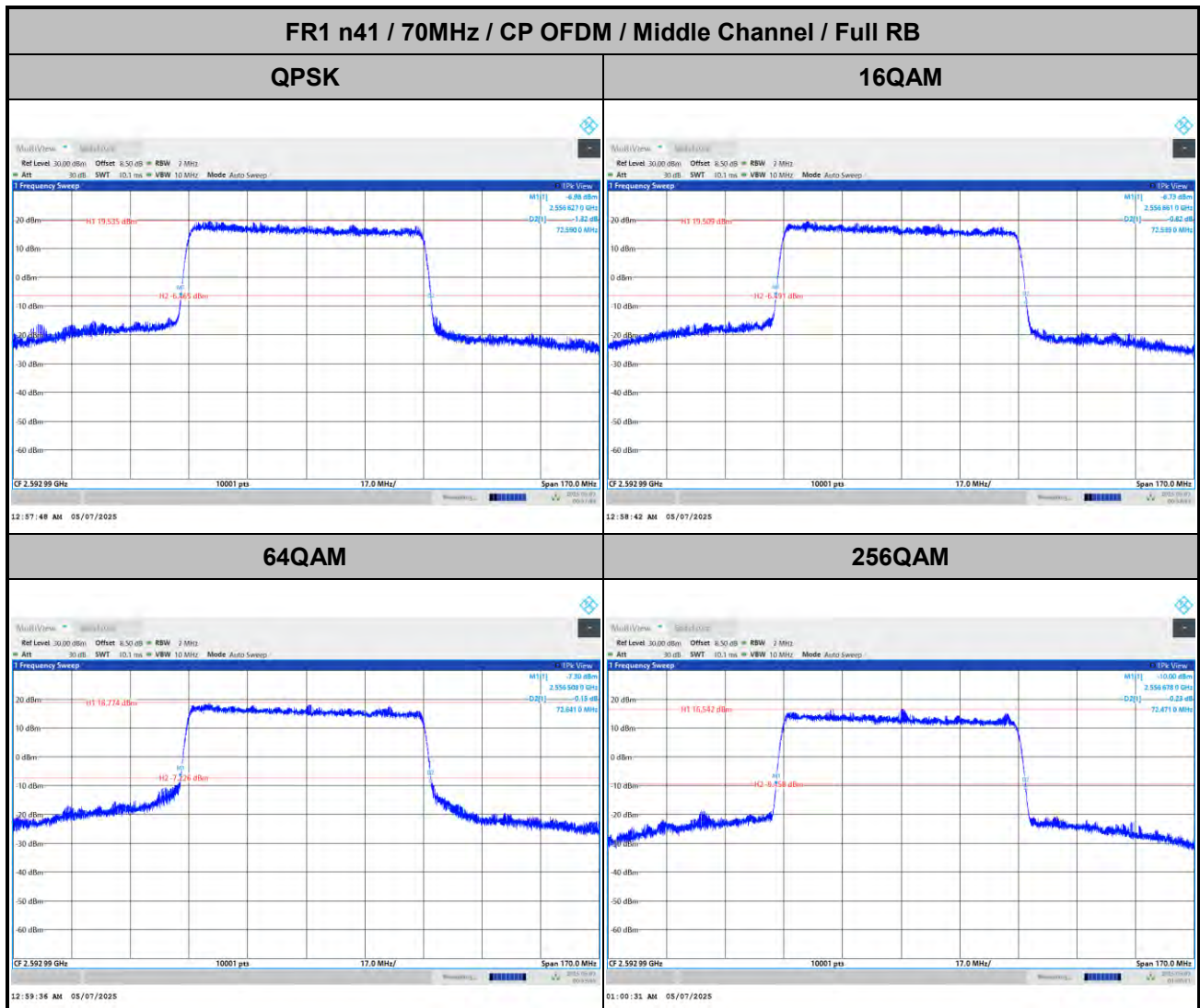


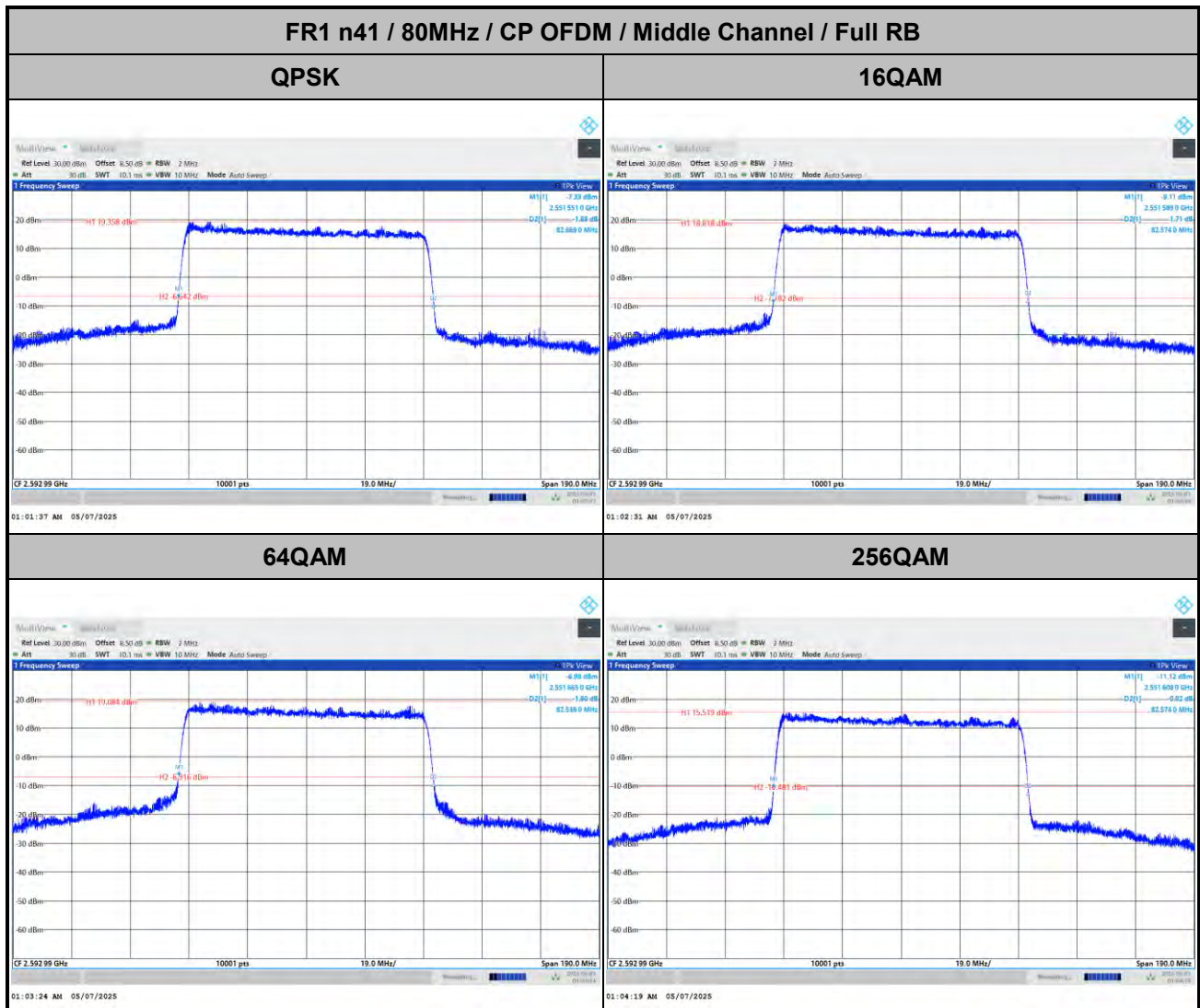
Report No. : FG4N2547C

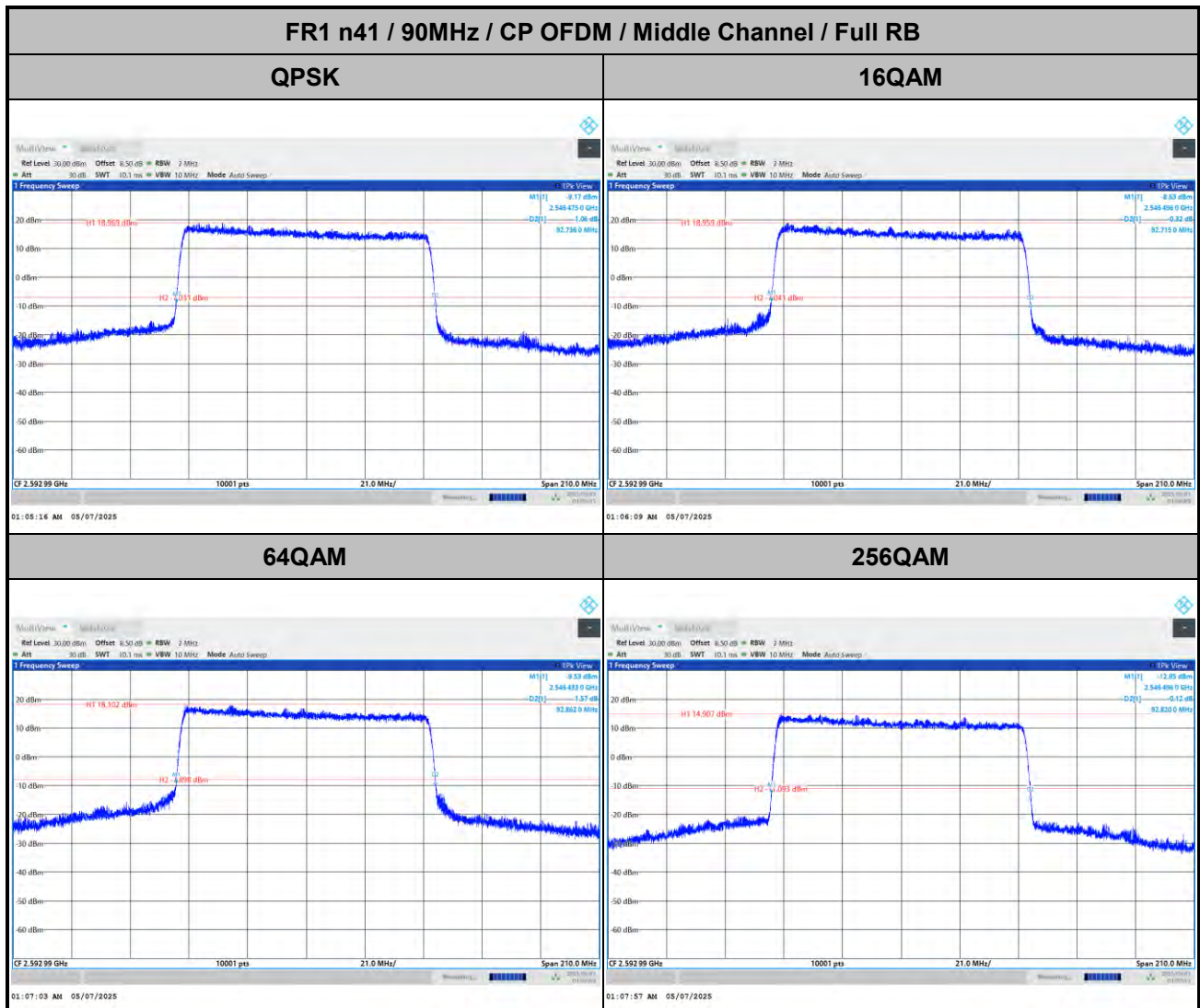


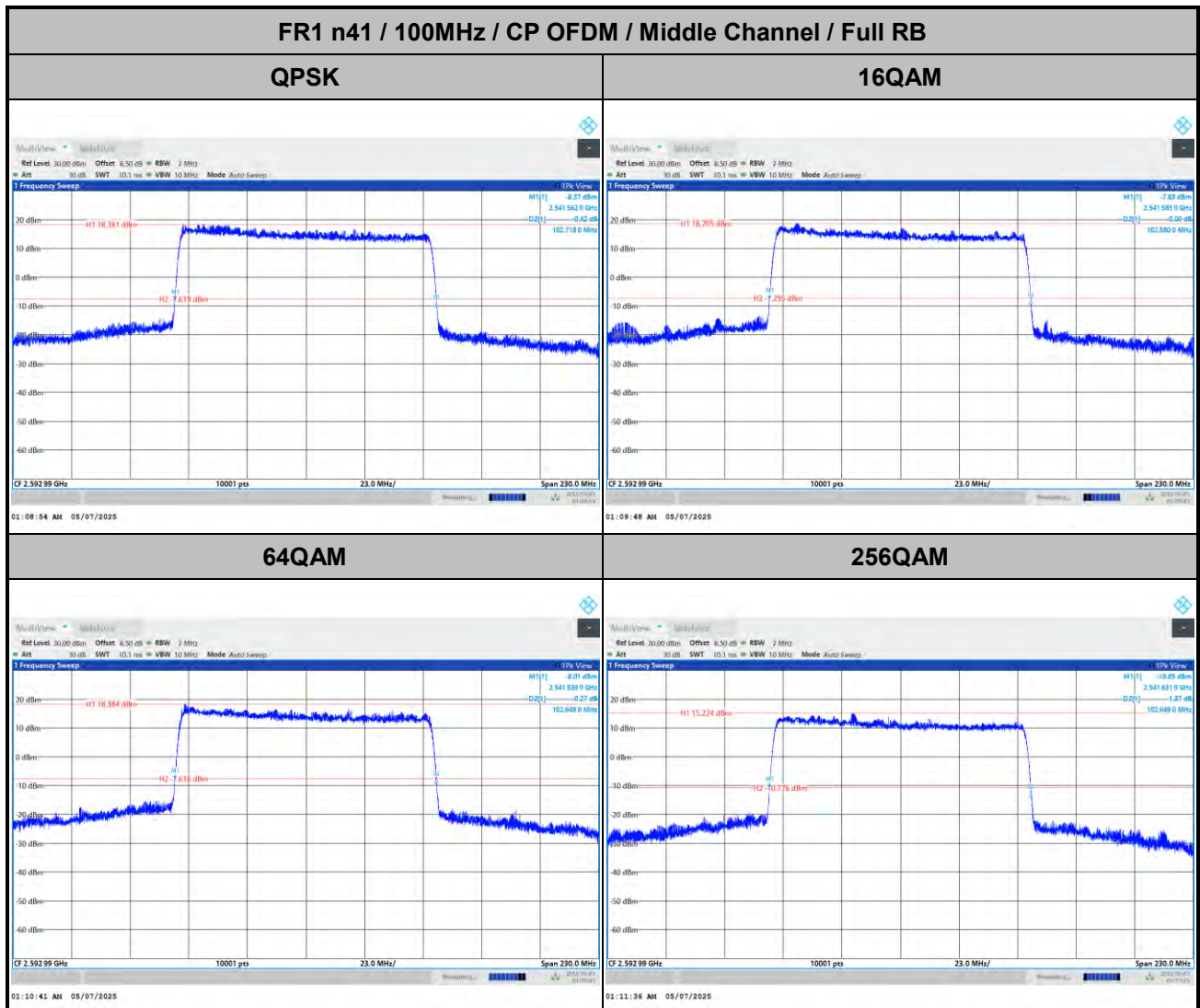












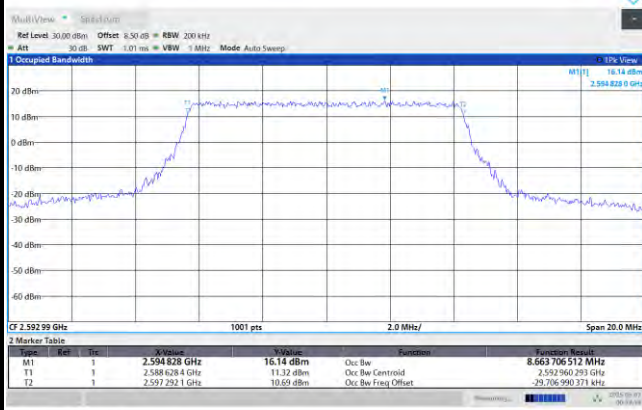
**Occupied Bandwidth**

Mode	FR1 n41 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.66	8.66	13.66	13.70	18.22	18.28	23.35	23.37
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.62	8.62	13.63	13.61	18.25	18.20	23.35	23.28
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.23	28.37	33.22	33.03	38.16	38.12	42.61	42.57
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.31	28.29	33.22	33.16	38.06	38.09	42.67	42.64
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	47.63	47.69	58.62	58.55	67.96	67.96	78.07	77.96
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	47.63	47.60	58.53	58.29	68.08	67.89	77.77	78.21
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	87.93	87.80	97.80	97.72				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	88.13	88.07	98.04	97.68				

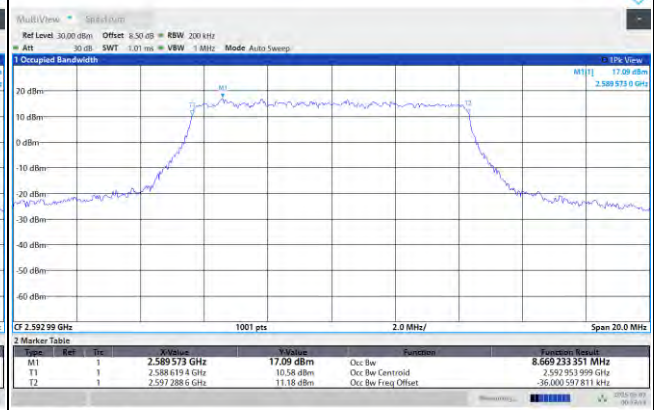


FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB

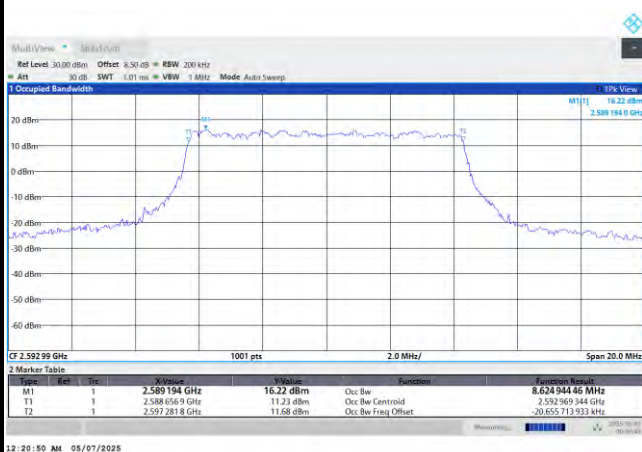
QPSK



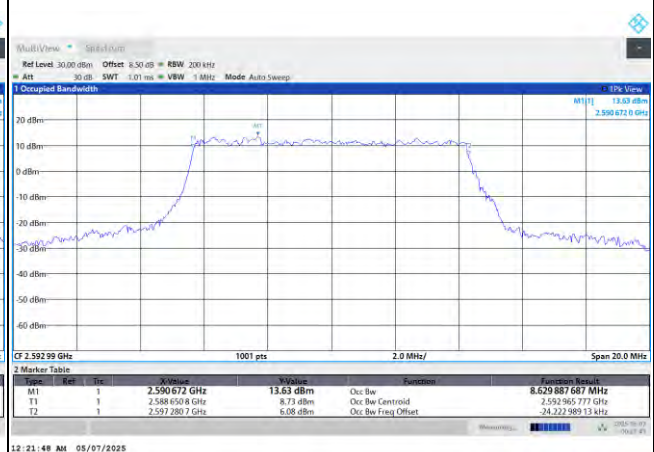
16QAM



64QAM



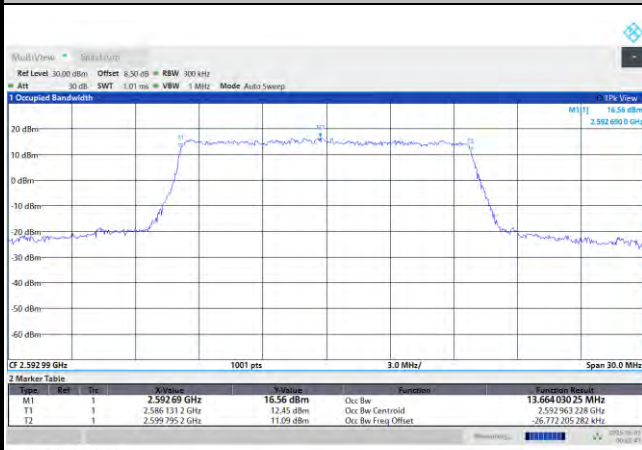
256QAM



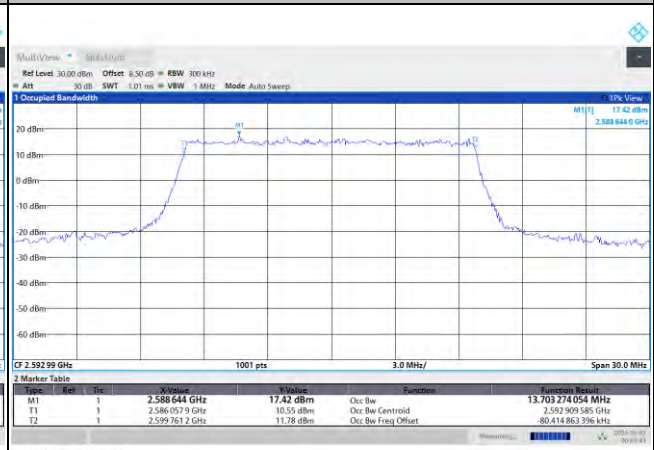


FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB

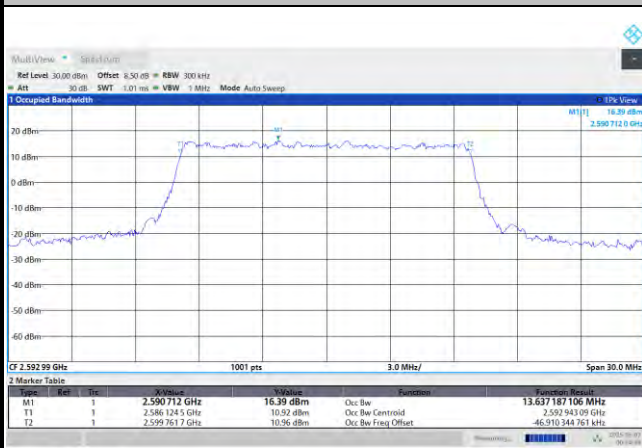
QPSK



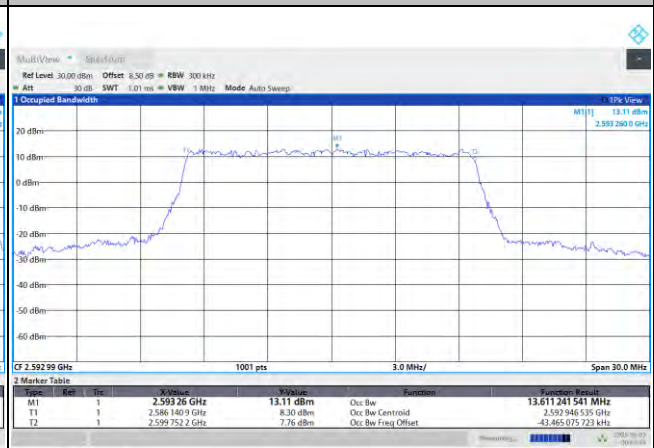
16QAM



64QAM



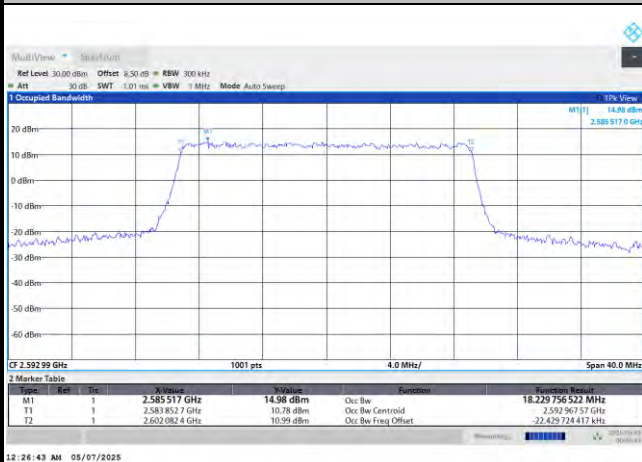
256QAM



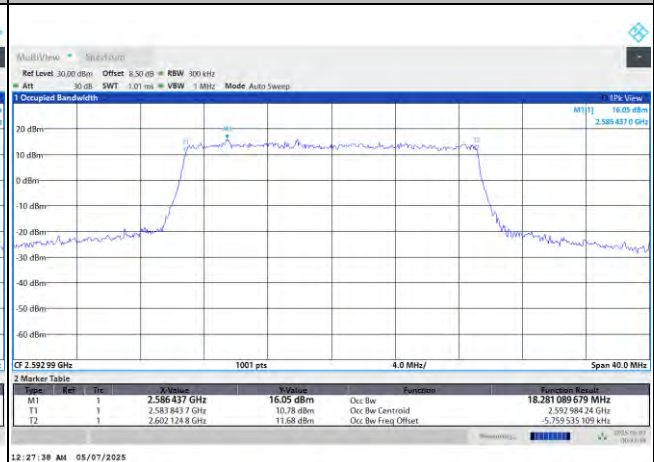


FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB

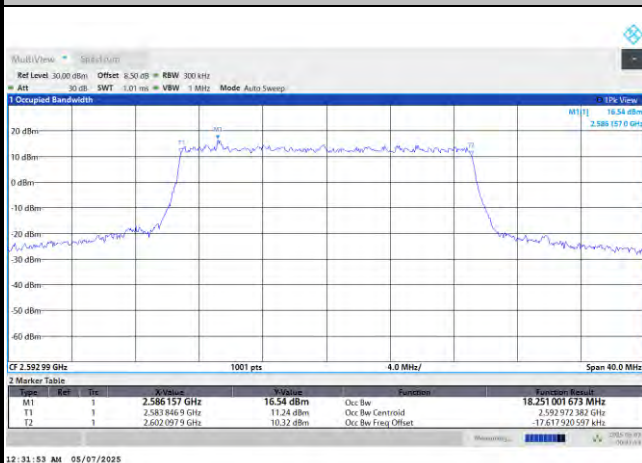
QPSK



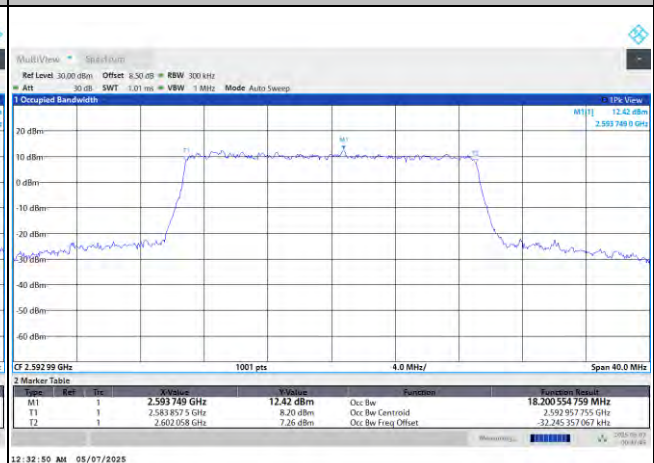
16QAM



64QAM



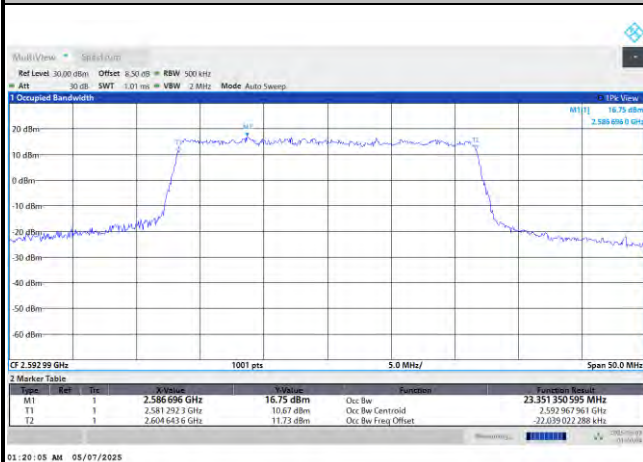
256QAM





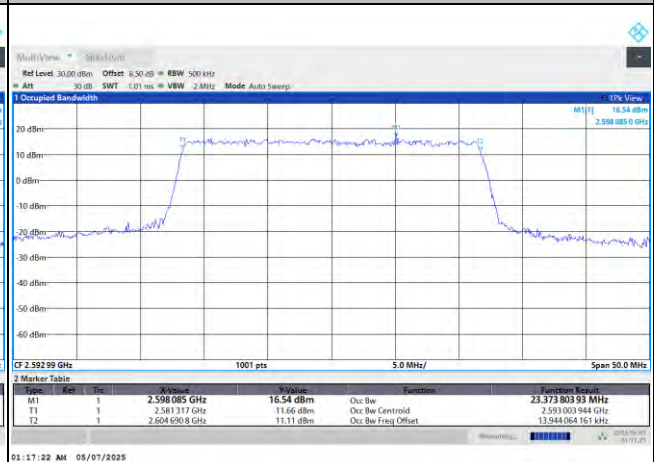
FR1 n41 / 25MHz / CP OFDM / Middle Channel / Full RB

QPSK



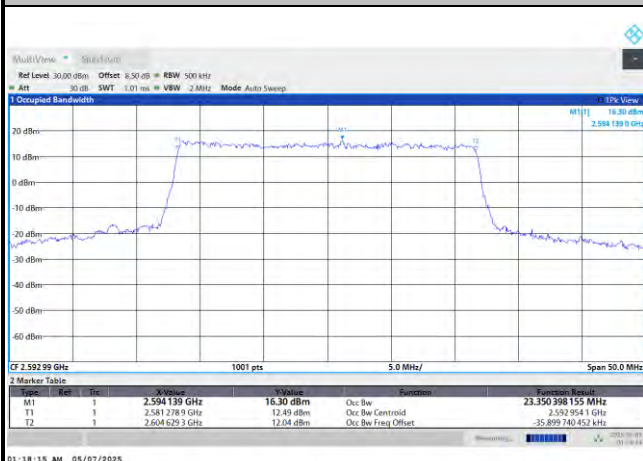
01:20:05 AM 05/07/2025

16QAM



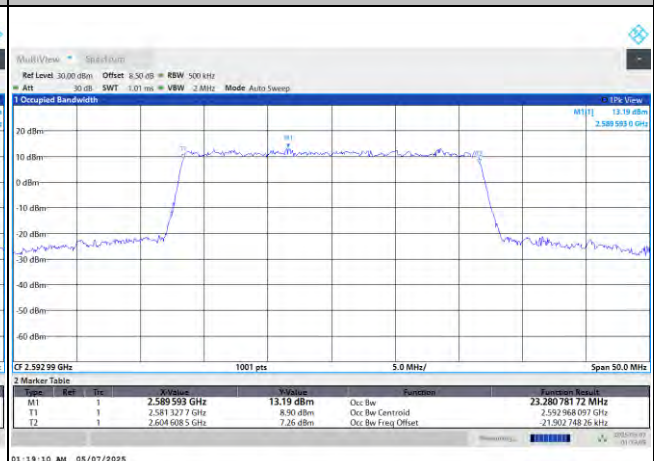
01:17:22 AM 05/07/2025

64QAM



01:18:15 AM 05/07/2025

256QAM

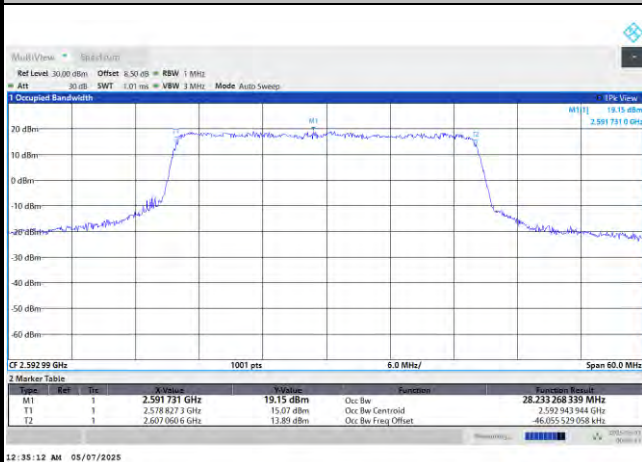


01:19:10 AM 05/07/2025



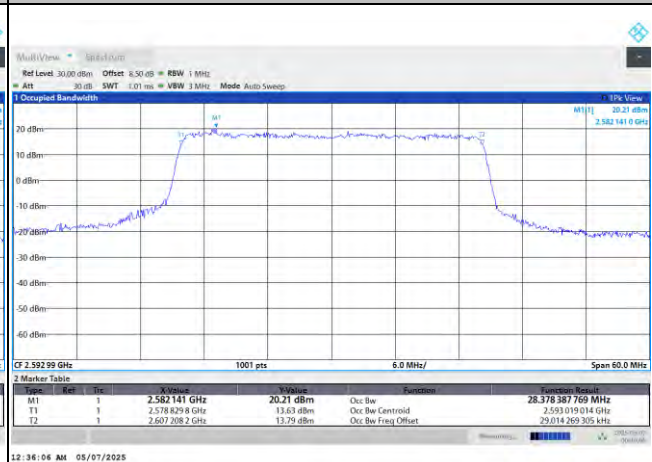
FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



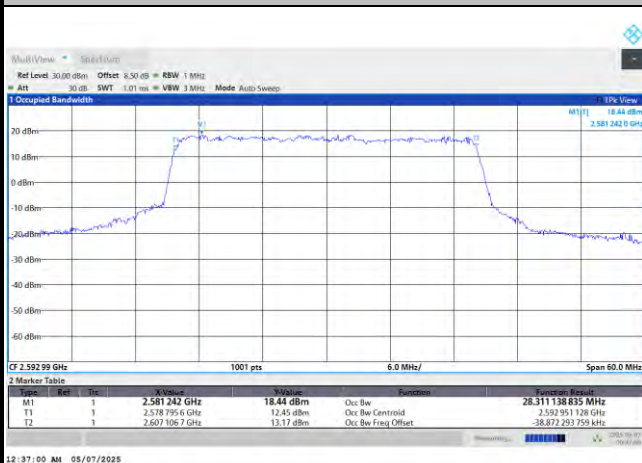
12:35:12 AM 05/07/2025

16QAM



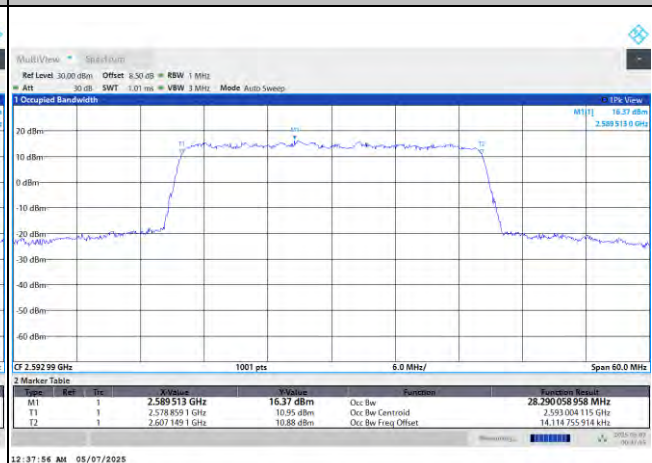
12:36:06 AM 05/07/2025

64QAM



12:37:00 AM 05/07/2025

256QAM

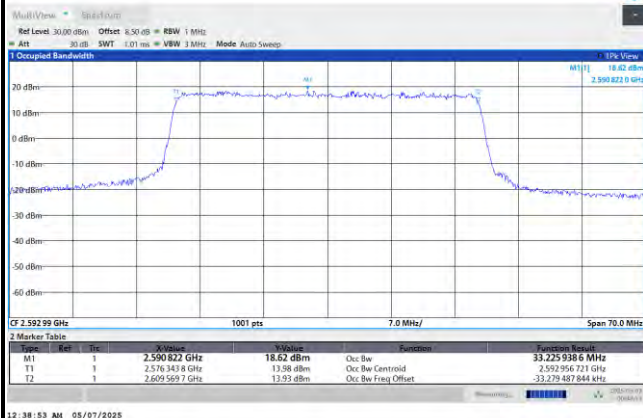


12:37:56 AM 05/07/2025

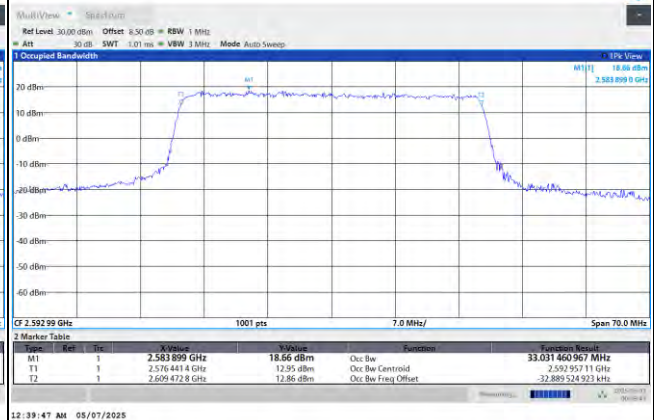


FR1 n41 / 35MHz / CP OFDM / Middle Channel / Full RB

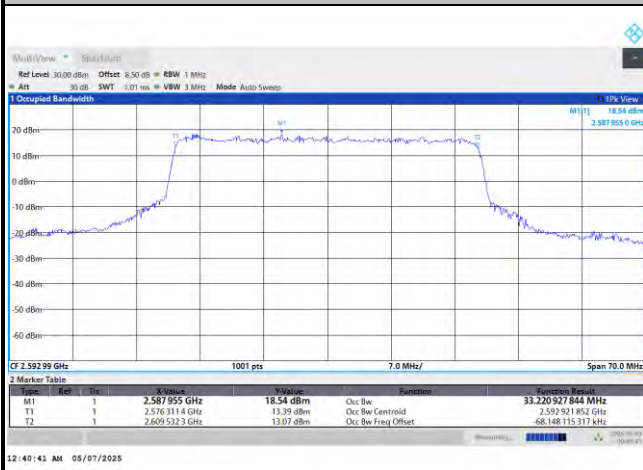
QPSK



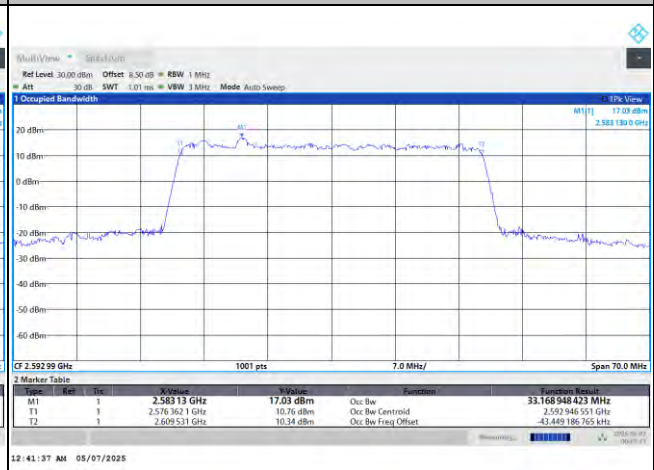
16QAM



64QAM



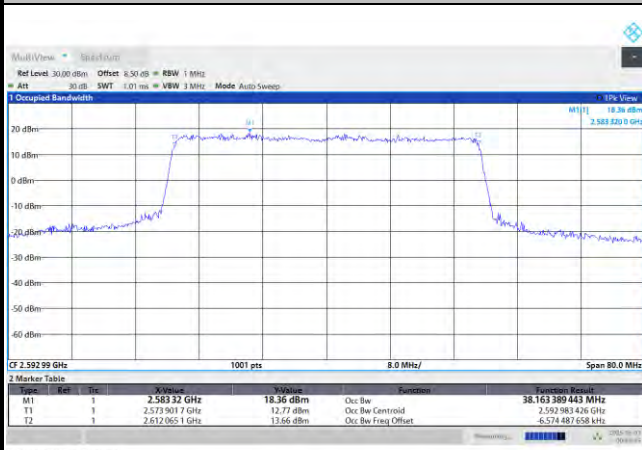
256QAM





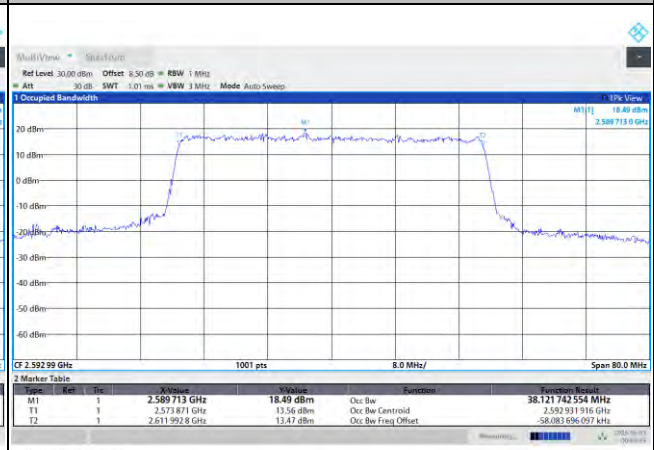
FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



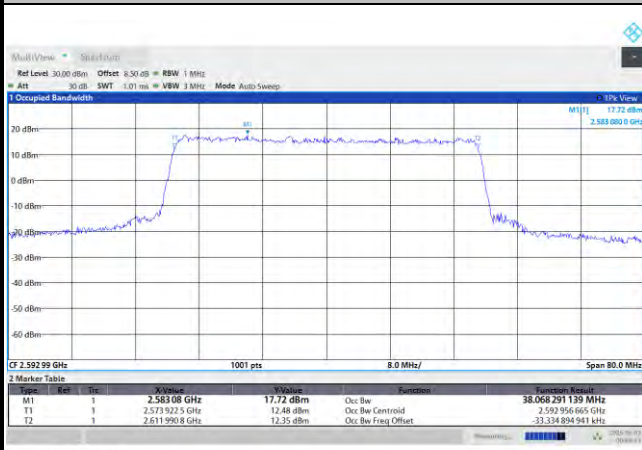
12:42:35 AM 05/07/2025

16QAM



12:43:29 AM 05/07/2025

64QAM



12:44:23 AM 05/07/2025

256QAM

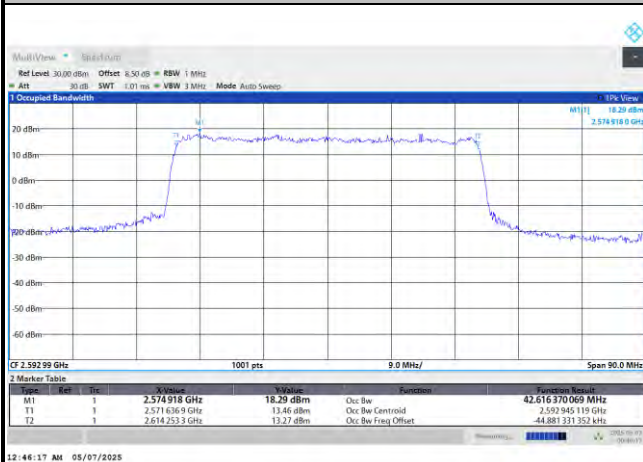


12:45:19 AM 05/07/2025

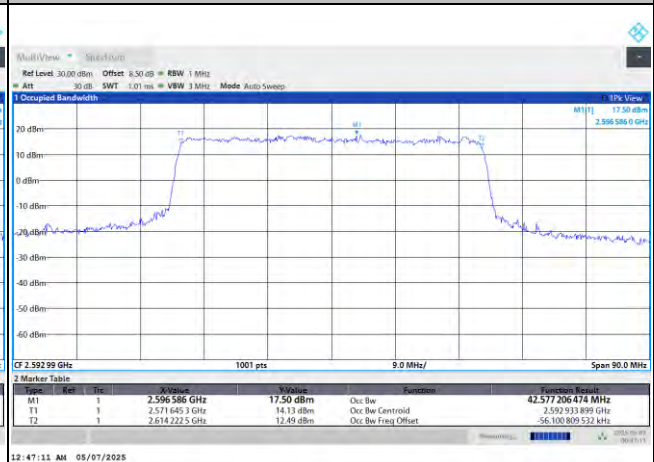


FR1 n41 / 45MHz / CP OFDM / Middle Channel / Full RB

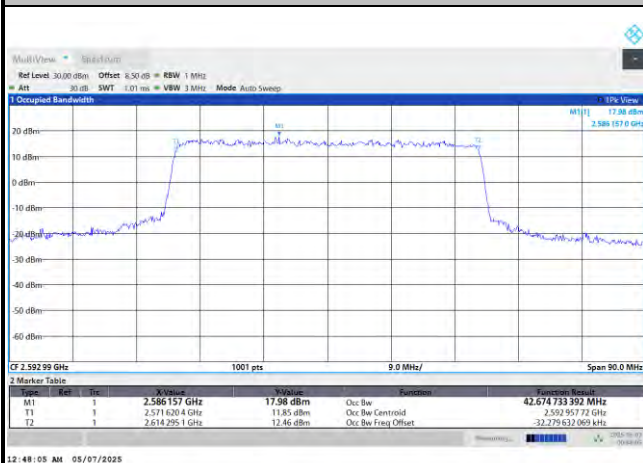
QPSK



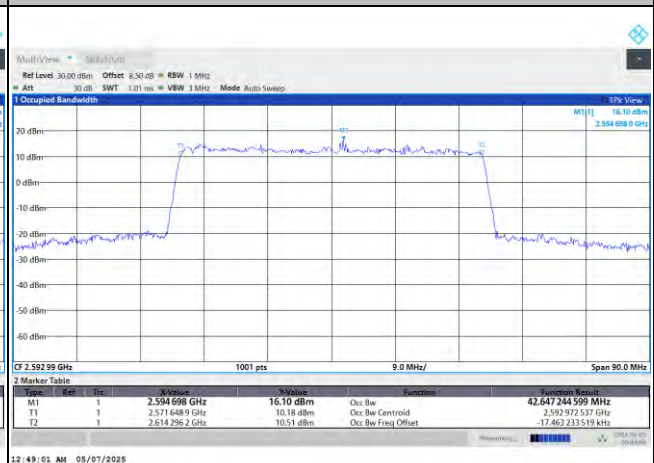
16QAM



64QAM



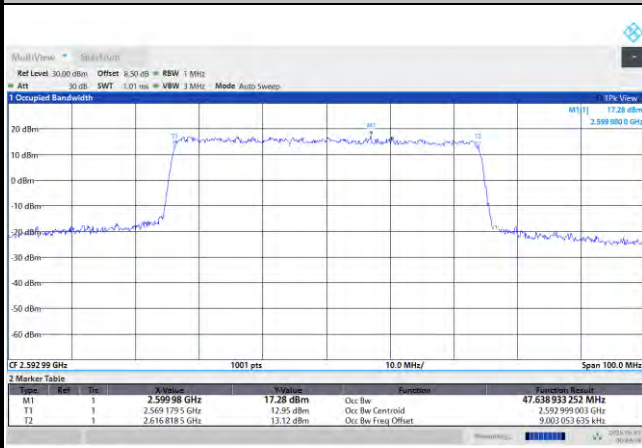
256QAM



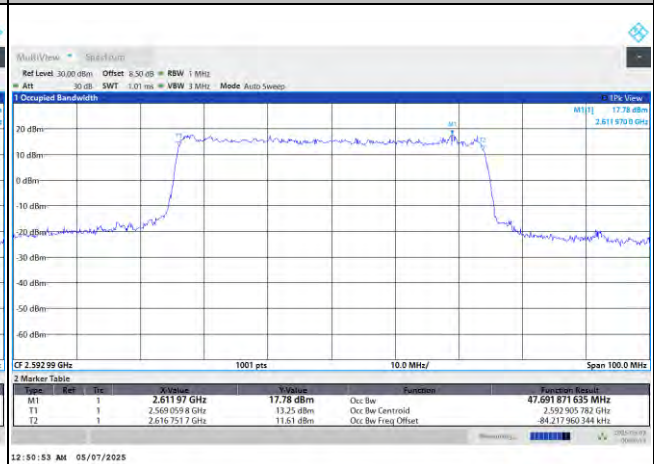


FR1 n41 / 50MHz / CP OFDM / Middle Channel / Full RB

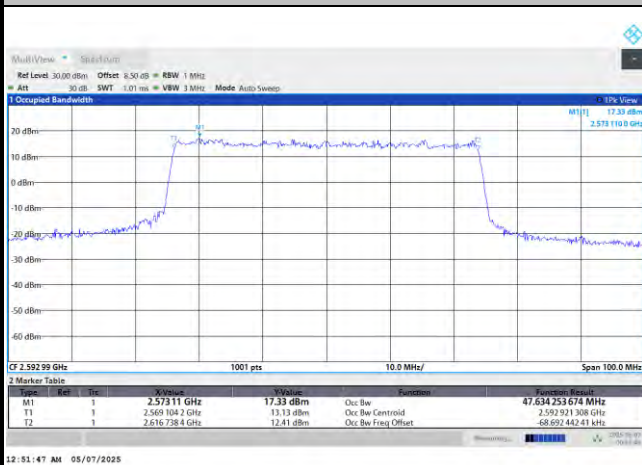
QPSK



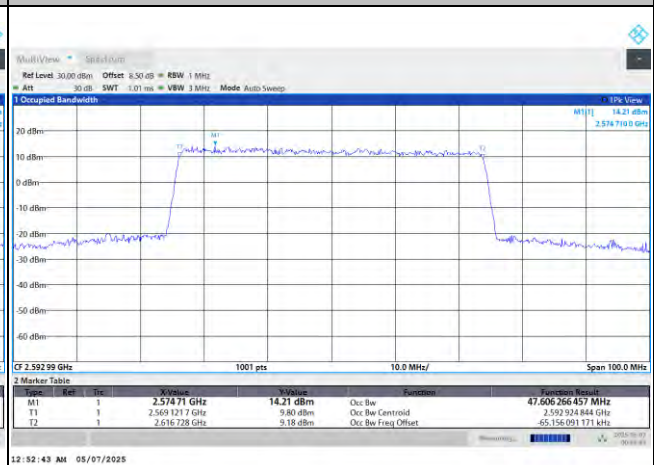
16QAM



64QAM



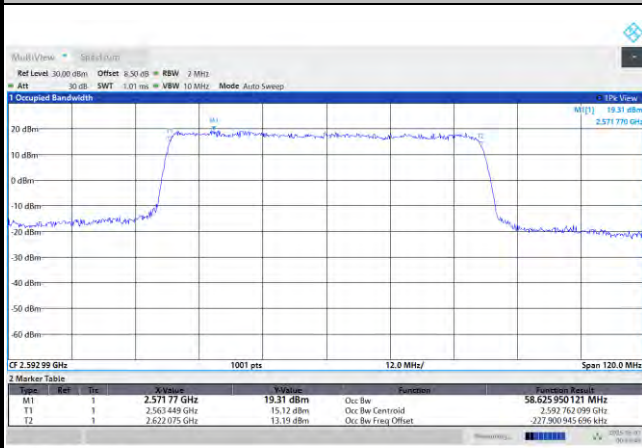
256QAM





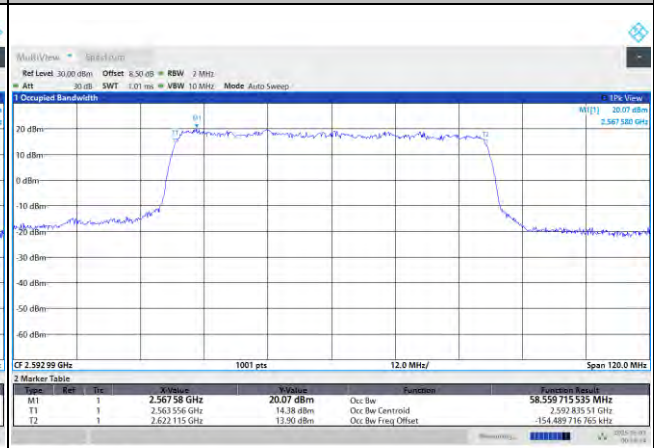
FR1 n41 / 60MHz / CP OFDM / Middle Channel / Full RB

QPSK



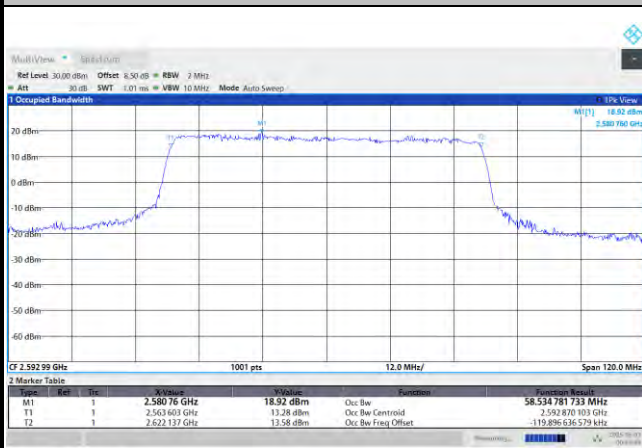
12:53:40 AM 05/07/2025

16QAM



12:54:34 AM 05/07/2025

64QAM



12:55:28 AM 05/07/2025

256QAM

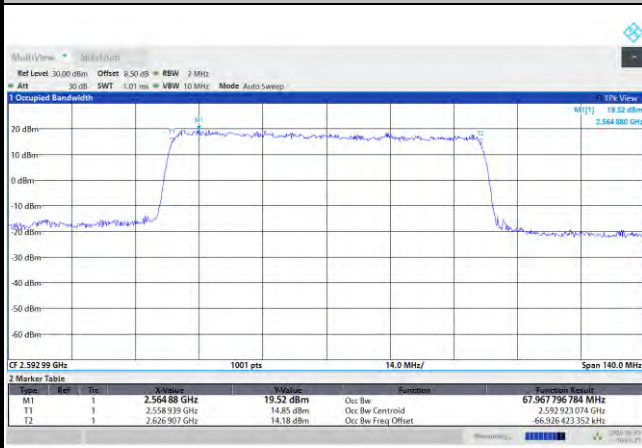


12:56:24 AM 05/07/2025

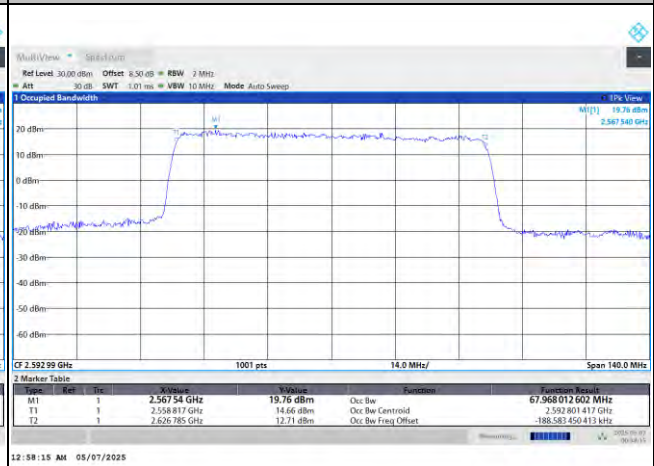


FR1 n41 / 70MHz / CP OFDM / Middle Channel / Full RB

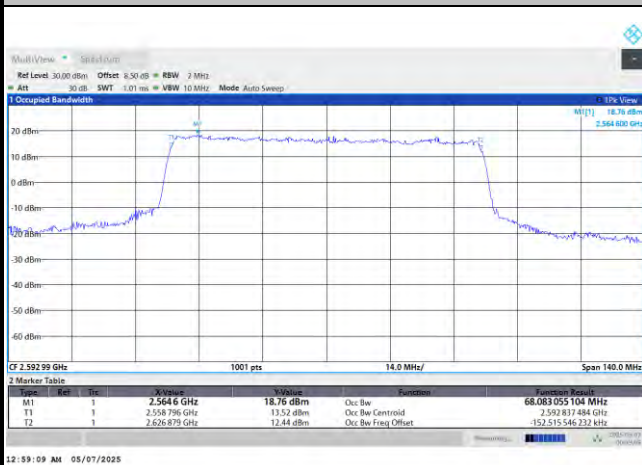
QPSK



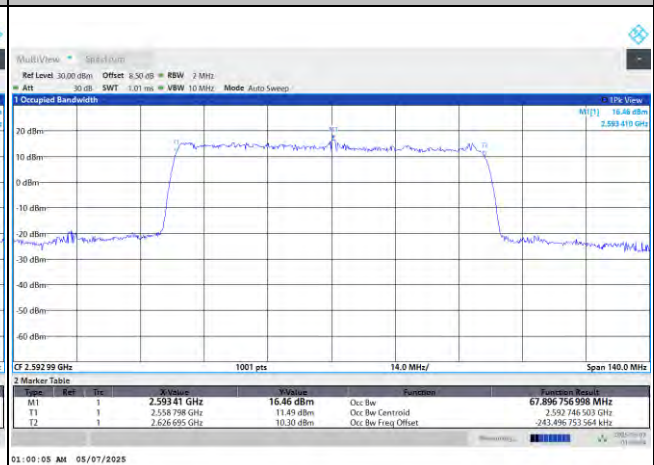
16QAM



64QAM



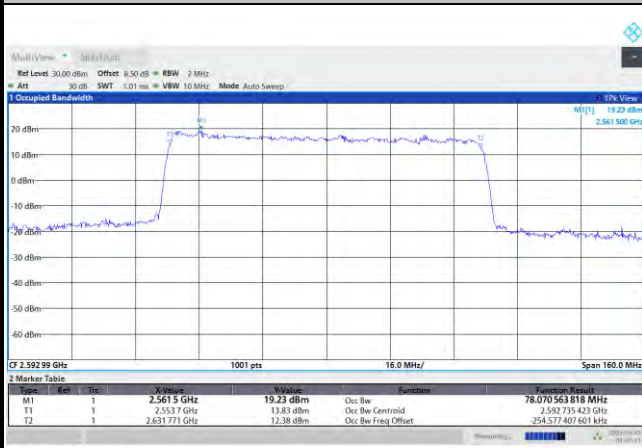
256QAM



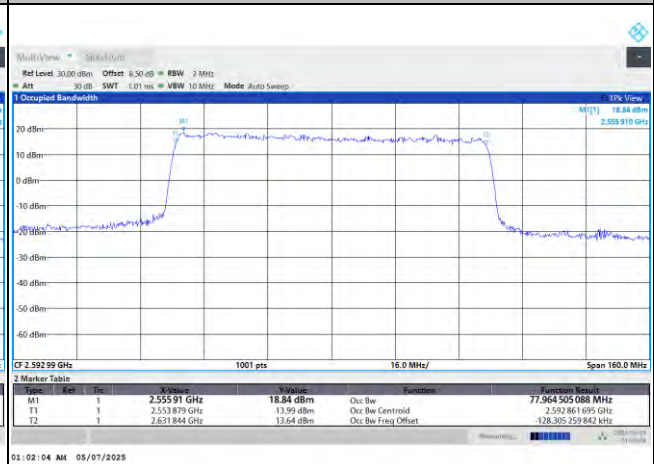


FR1 n41 / 80MHz / CP OFDM / Middle Channel / Full RB

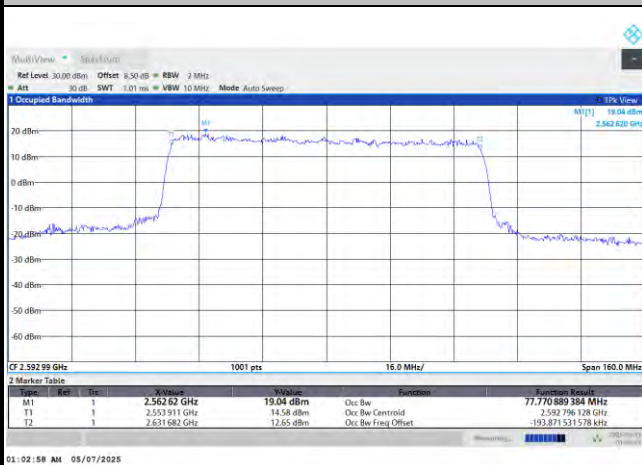
QPSK



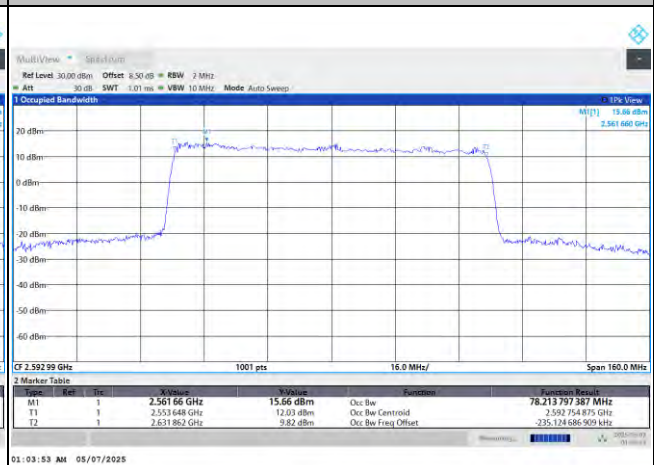
16QAM



64QAM



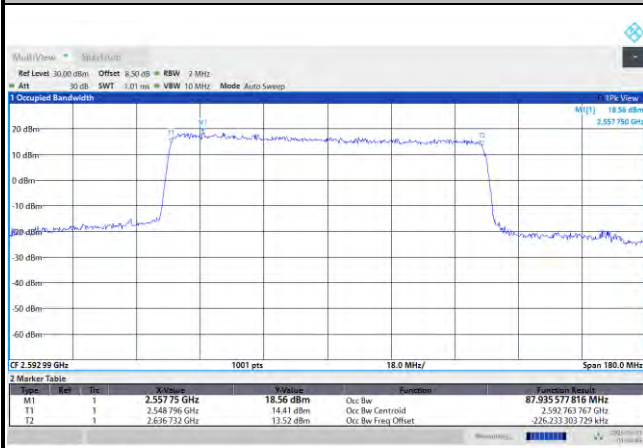
256QAM



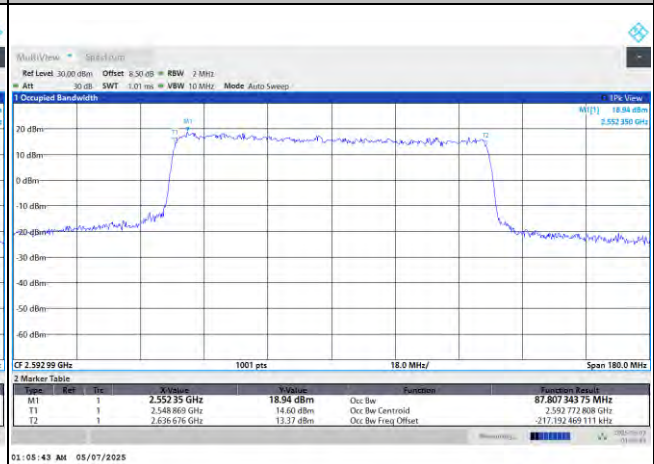


FR1 n41 / 90MHz / CP OFDM / Middle Channel / Full RB

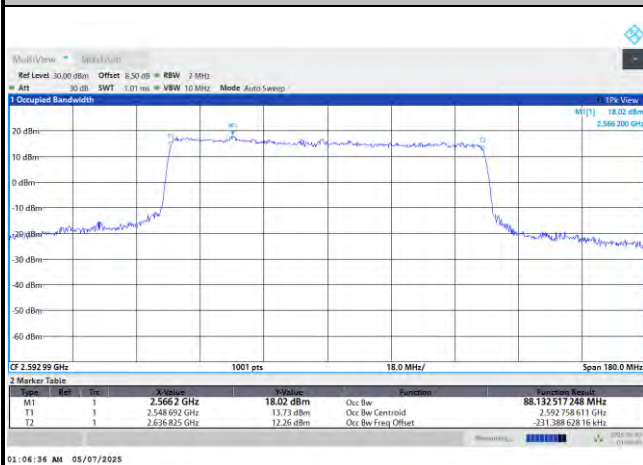
QPSK



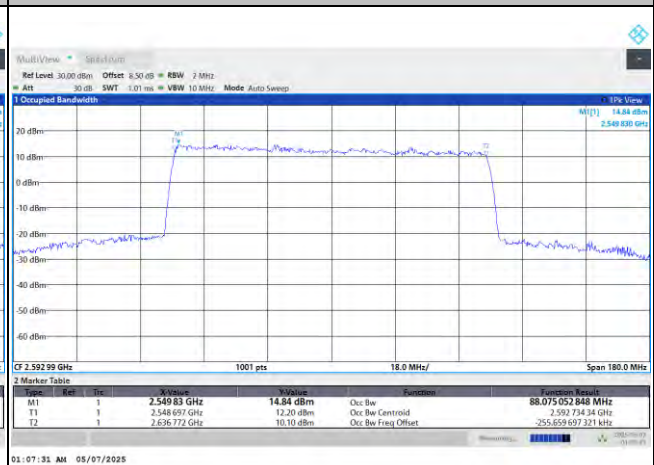
16QAM



64QAM



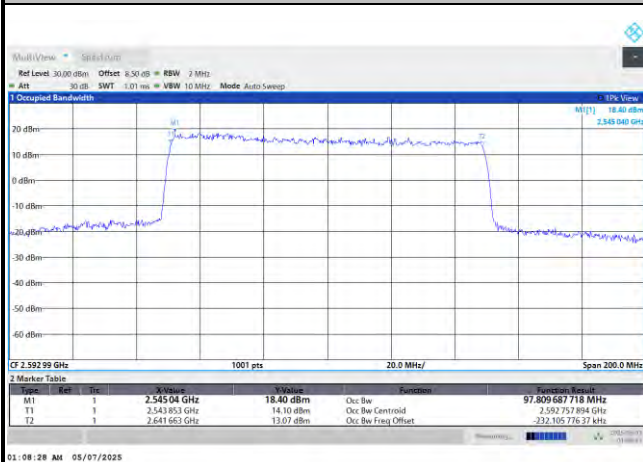
256QAM





FR1 n41 / 100MHz / CP OFDM / Middle Channel / Full RB

QPSK



01:08:28 AM 05/07/2025

16QAM



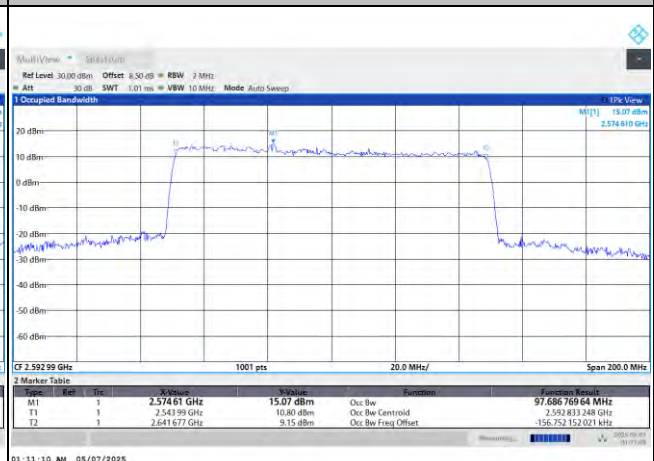
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64QAM



01:10:15 AM 05/07/2025

256QAM



01:11:10 AM 05/07/2025

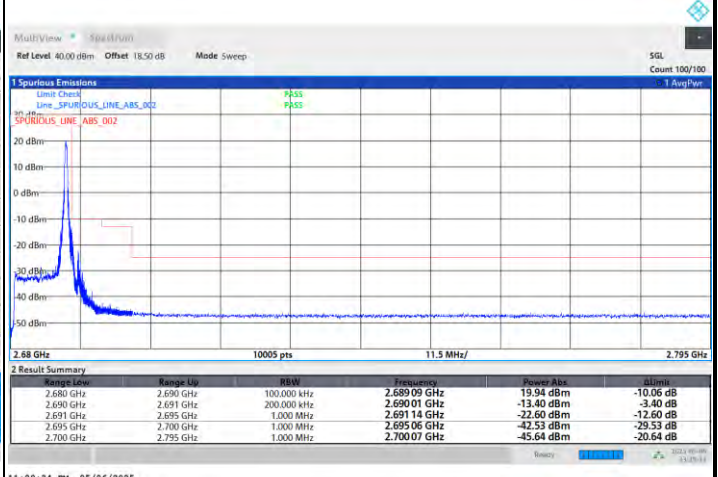


Conducted Band Edge

FR1 n41 / 10MHz / CP OFDM / QPSK

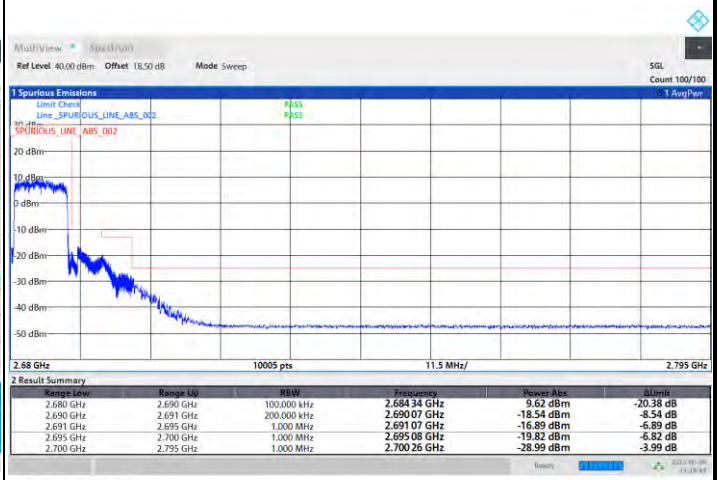
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

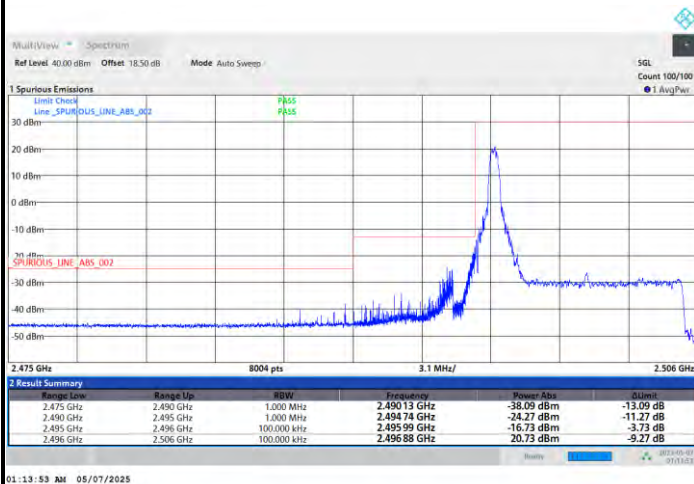
Highest Band Edge / Full RB



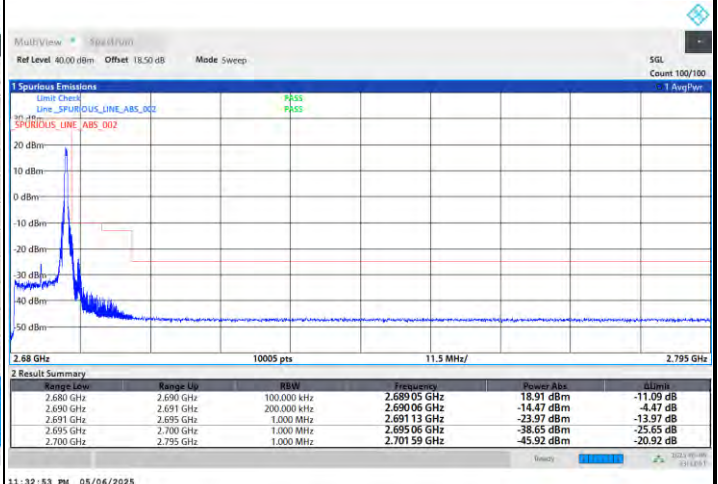


FR1 n41 / 10MHz / CP OFDM / 16QAM

Lowest Band Edge / 1RB0



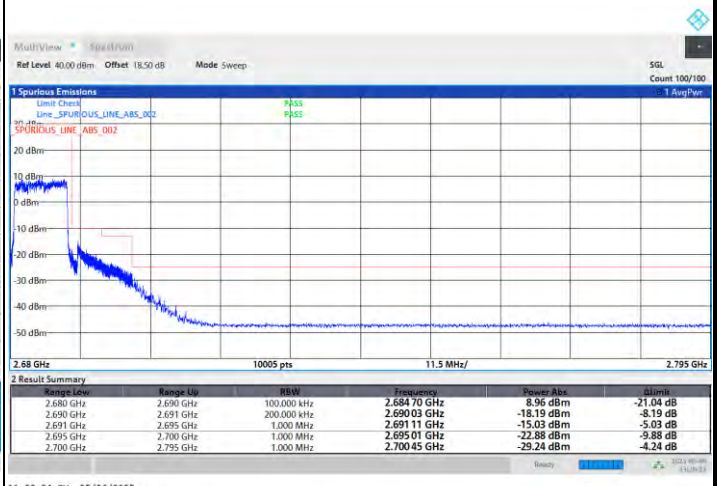
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



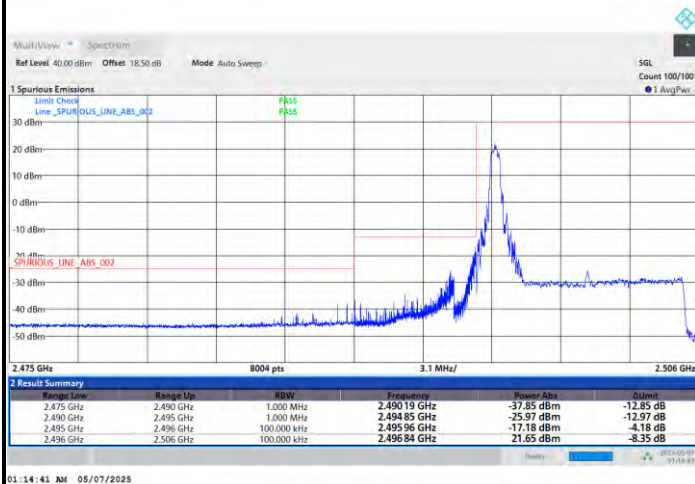
Highest Band Edge / Full RB



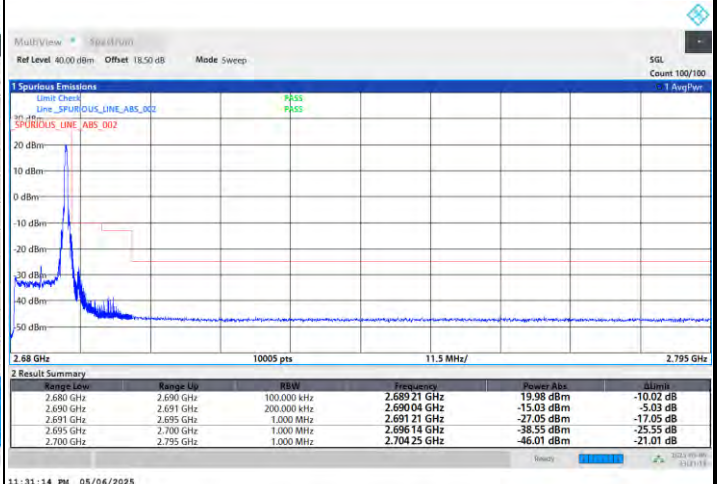


FR1 n41 / 10MHz / CP OFDM / 64QAM

Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



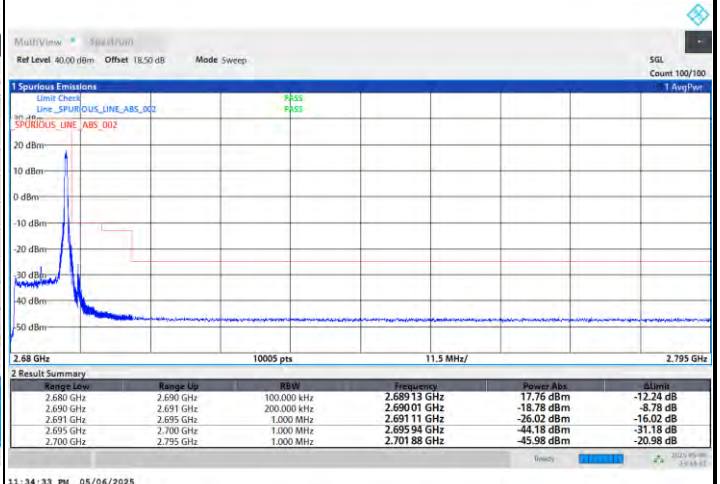


FR1 n41 / 10MHz / CP OFDM / 256QAM

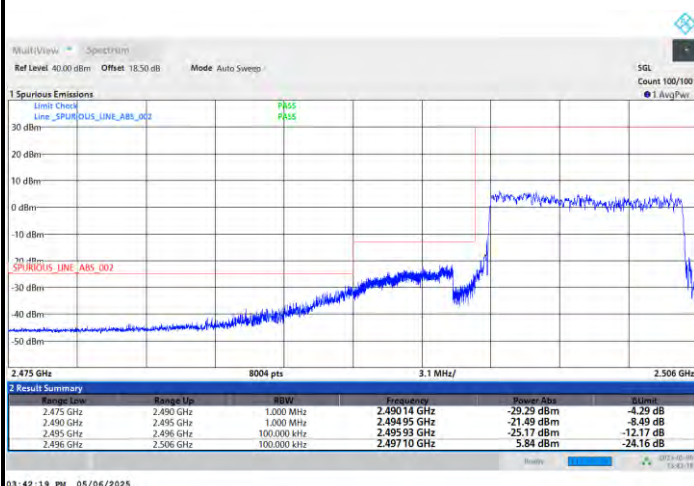
Lowest Band Edge / 1RB0



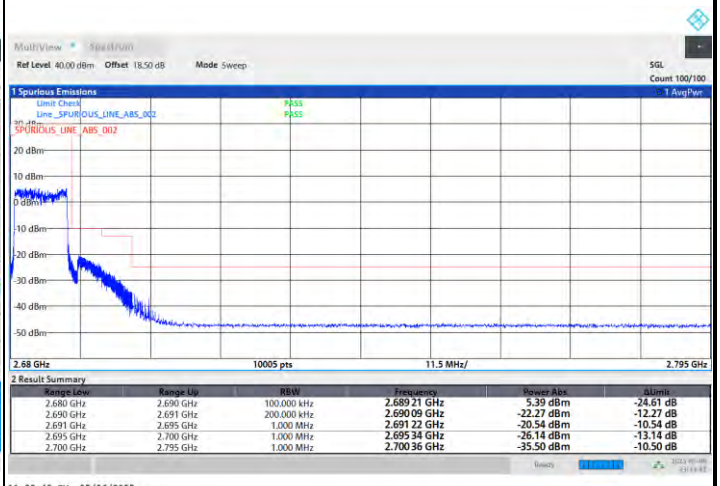
Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





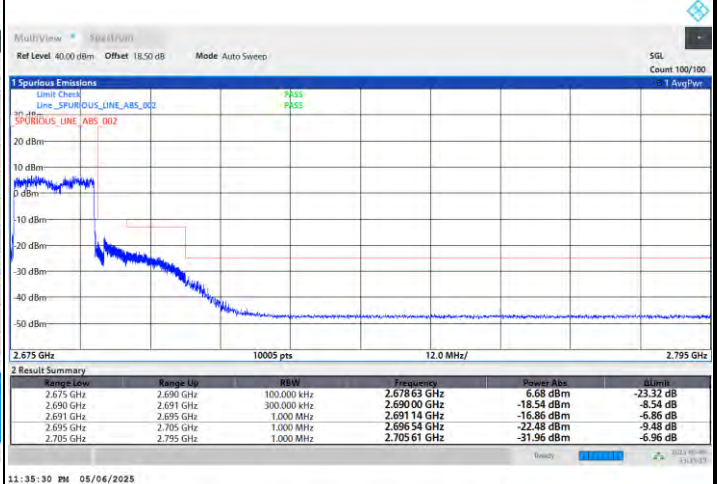
FR1 n41 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



03:45:36 PM 05/06/2025

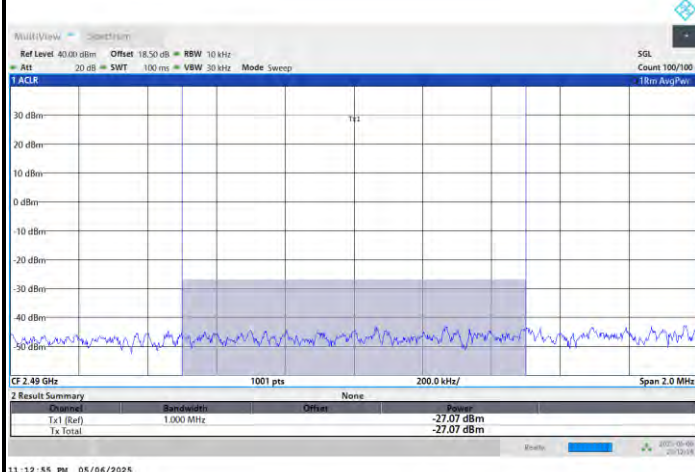
Highest Band Edge / Full RB



11:35:30 PM 05/06/2025

Lowest Channel Outer Full RB

Channel power -25dBm > -27.07dBm (PASS)

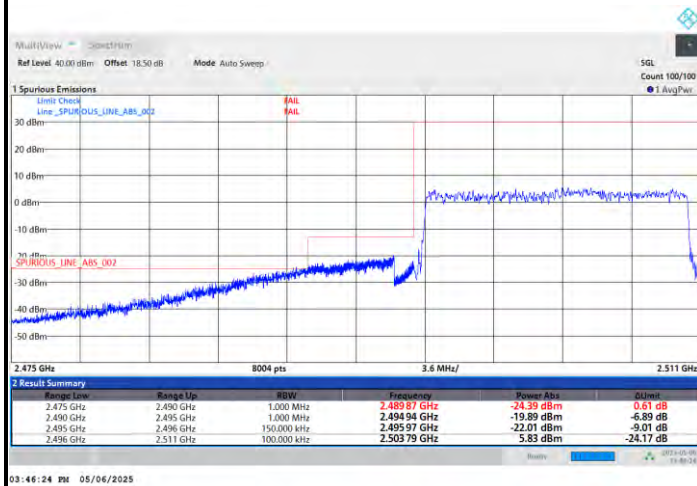


11:12:55 PM 05/06/2025

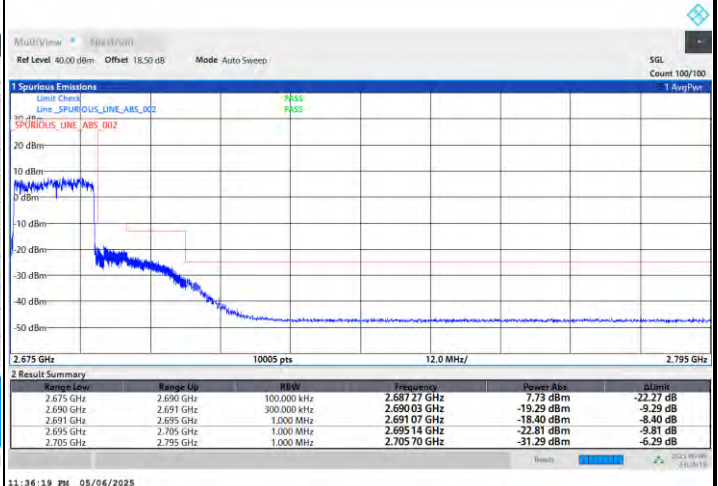


FR1 n41 / 15MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

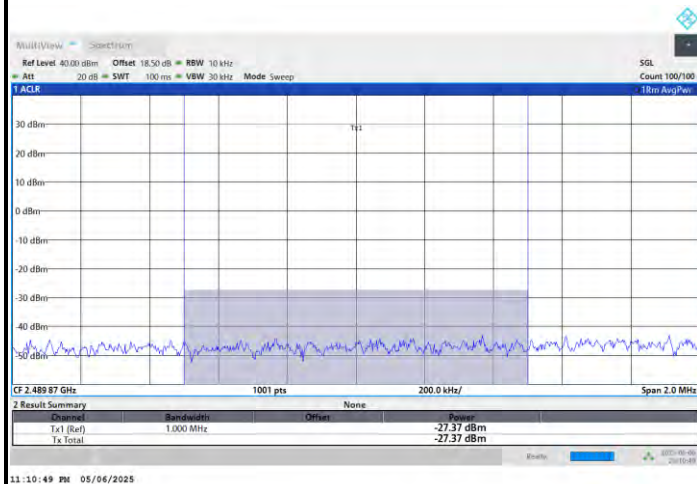


Highest Band Edge / Full RB



Lowest Channel Outer Full RB

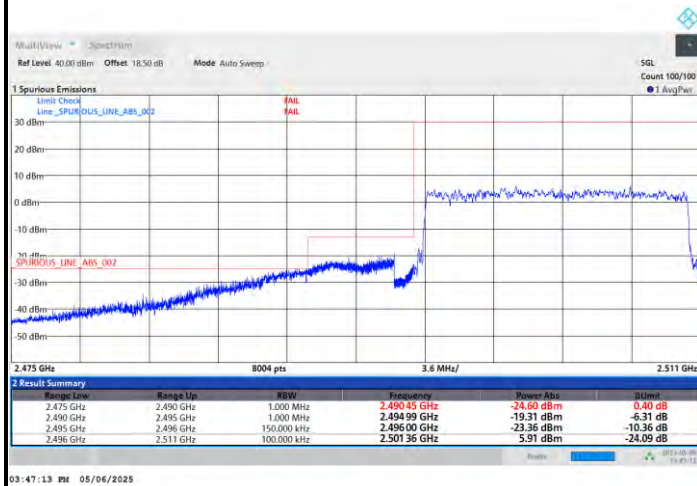
Channel power -25dBm > -27.37dBm (PASS)



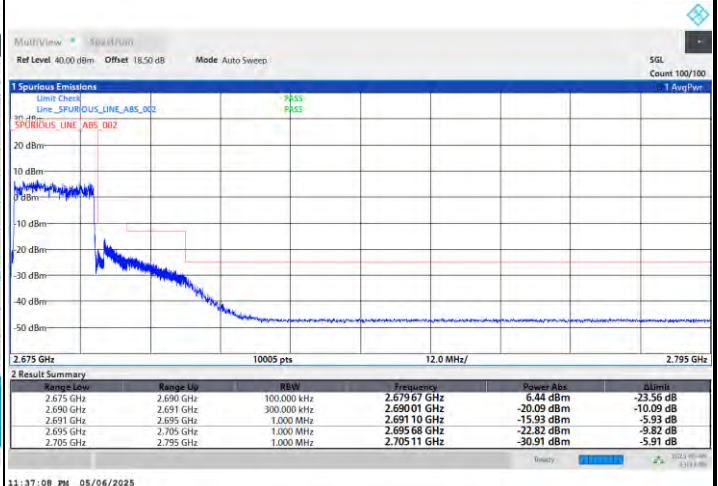


FR1 n41 / 15MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

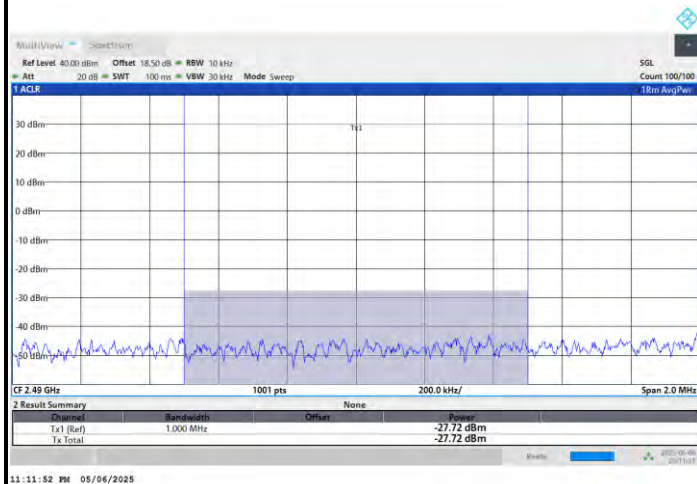


Highest Band Edge / Full RB



Lowest Channel Outer Full RB

Channel power -25dBm > -27.72dBm (PASS)



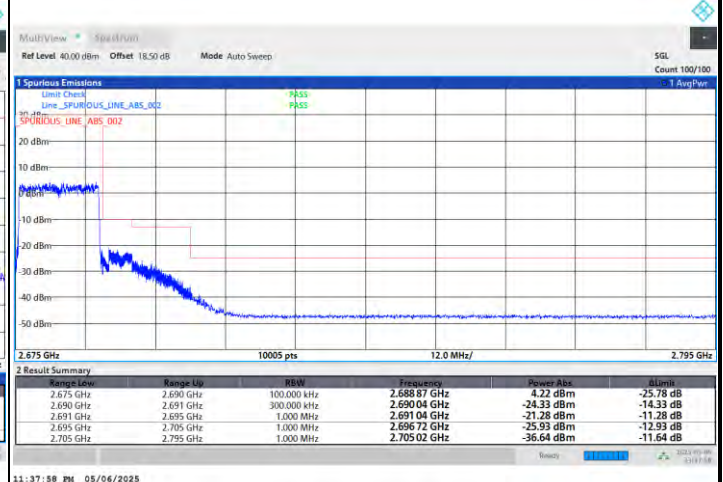


FR1 n41 / 15MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB





FR1 n41 / 20MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB



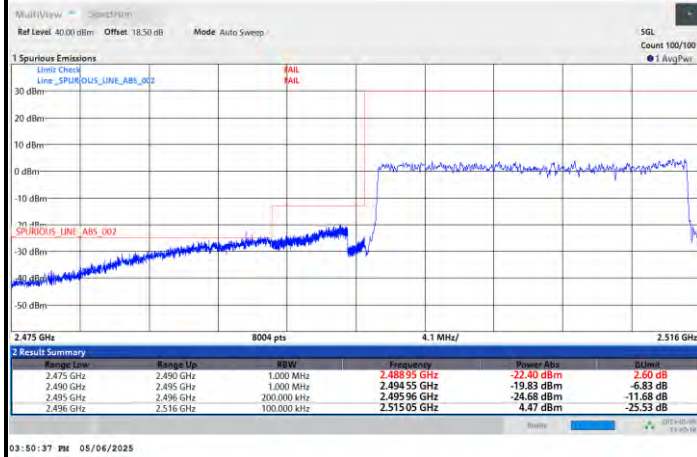
Highest Band Edge / Full RB



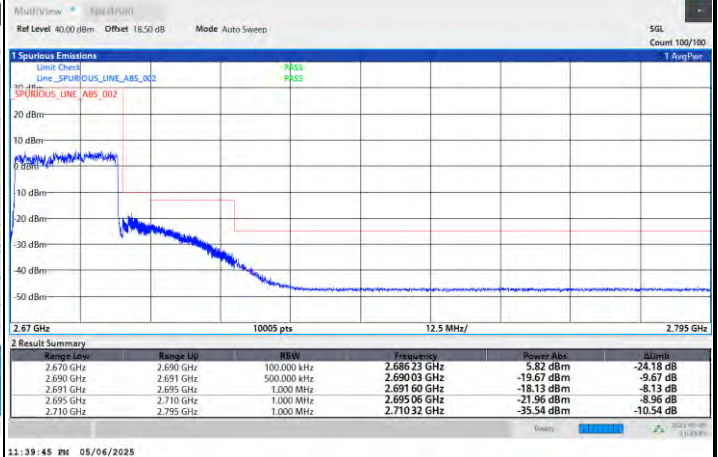


FR1 n41 / 20MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Channel Outer Full RB

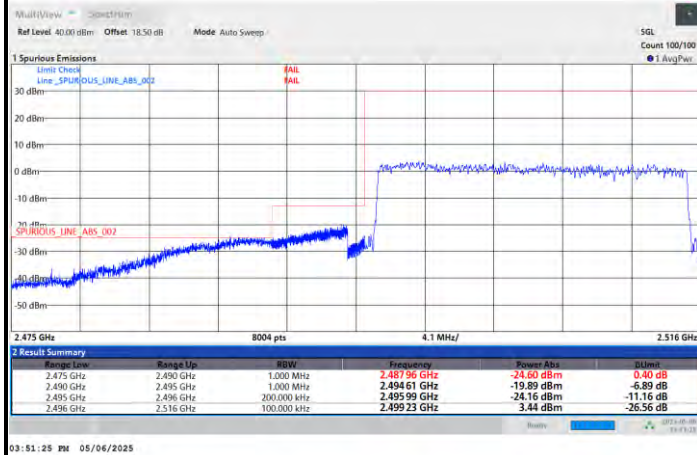
Channel power -25dBm > -27.27dBm (PASS)



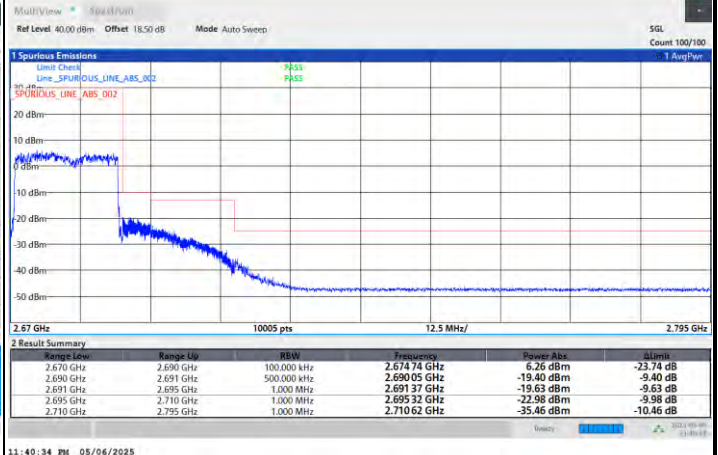


FR1 n41 / 20MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

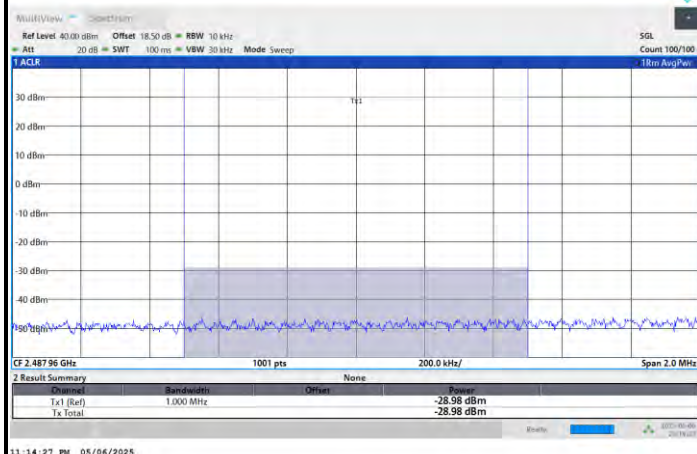


Highest Band Edge / Full RB



Lowest Channel Outer Full RB

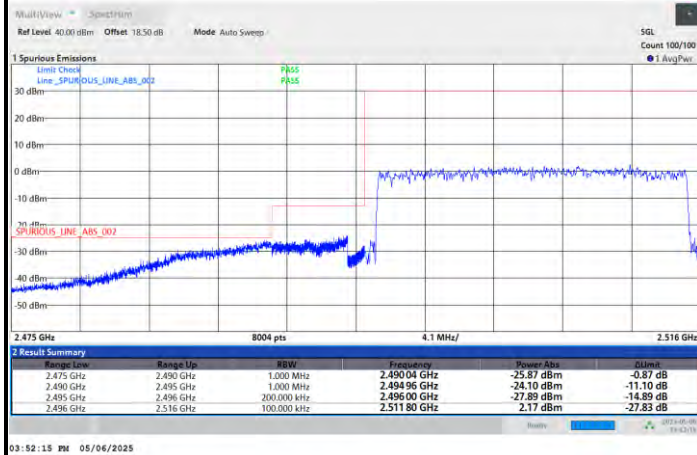
Channel power -25dBm > -28.98dBm (PASS)



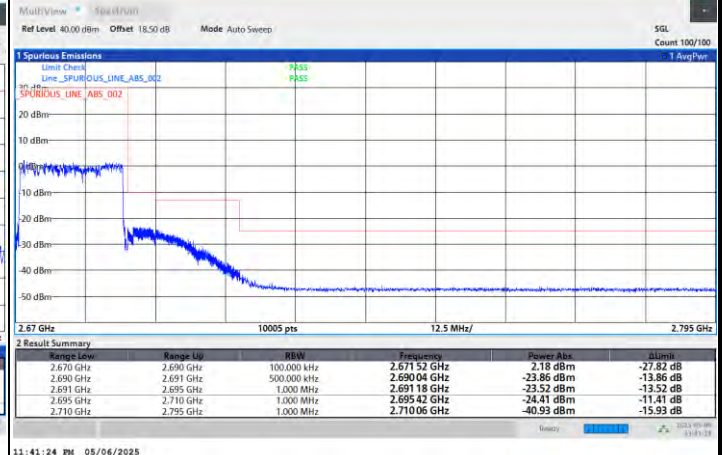


FR1 n41 / 20MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



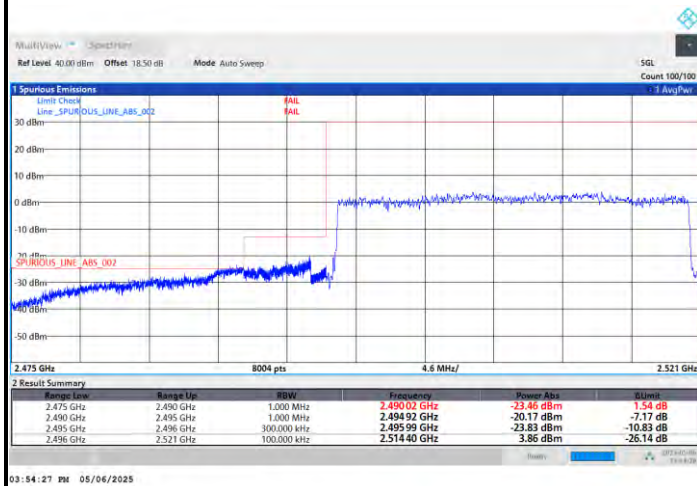
Highest Band Edge / Full RB





FR1 n41 / 25MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

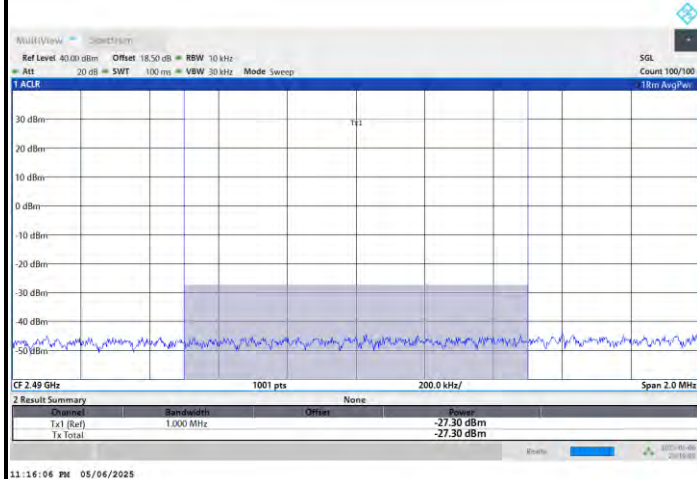


Highest Band Edge / Full RB



Lowest Channel Outer Full RB

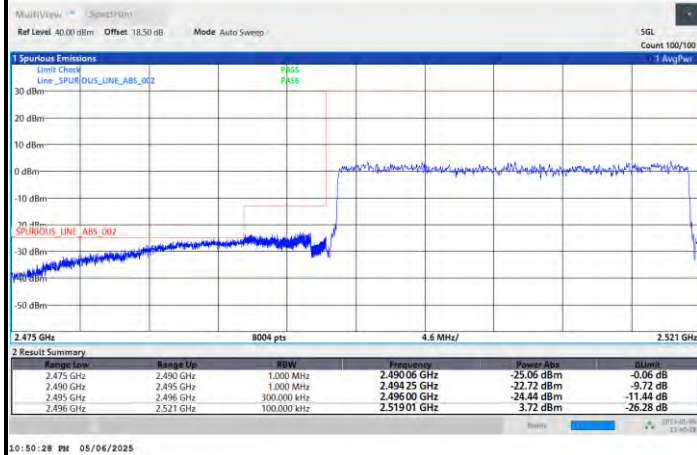
Channel power -25dBm > -27.30dBm (PASS)





FR1 n41 / 25MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



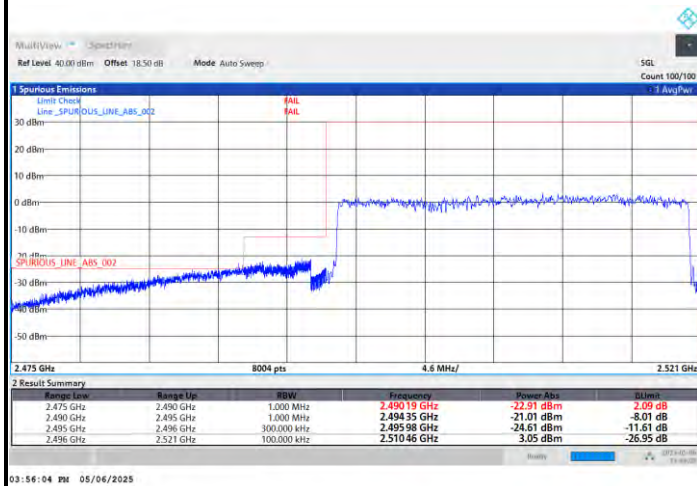
Highest Band Edge / Full RB



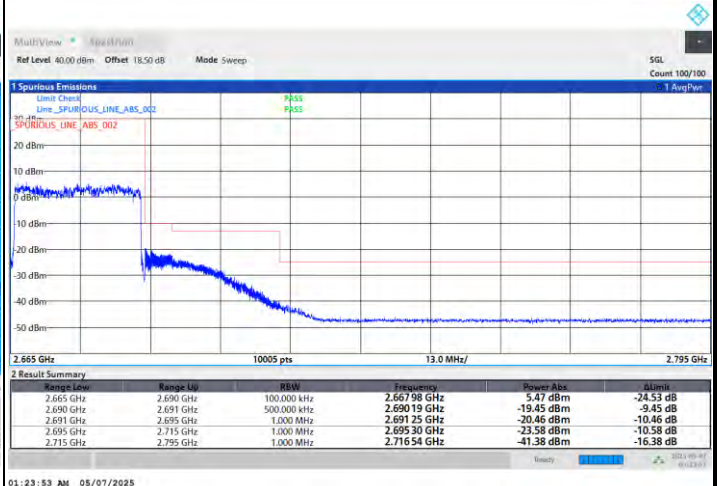


FR1 n41 / 25MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Channel Outer Full RB

Channel power -25dBm > -27.16dBm (PASS)

